

## STIC Search Report Biotech-Chem Library

## STIC Database Tracking Number: 165876

TO: Suzanne M Mayer

Location: REM/3E84/3C70

Art Unit: 1653

Sept 17 , 2005

Case Serial Number: 10/795795

From: P. Sheppard

**Location: Remsen Building** 

Phone: (571) 272-2529

sheppard@uspto.gov

### Search Notes

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#### STIC-Biotech/ChemLib

From:

Chan, Christina

Sent:

Thursday, September 15, 2005 3:25 PM

To:

Mayer, Suzanne Marie; STIC-Biotech/ChemLib

Subject:

RE: Rush 10/795795

Please rush. Thanks Chris

#### Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644 (571)-272-0841 Remsen, 3E89

----Original Message----

From:

Mayer, Suzanne Marie

Sent:

Thursday, September 15, 2005 2:22 PM

To:

Chan, Christina

Subject:

RE: Rush 10/795795

Chris,

Could I get these two small peptides rushed through please on this special case, I had sent it previously, but they have come in with new proposed min. and max. length requirements.

Thank you!!!!!!!

Dear search staff:

Factor Va ox 322-331

352-356

Please search SEQ ID NO: 6 (10 amino acids) and SEQ ID NO:12 (5 amino acids) against famino-acid-databases in both commercial and interference databases. \*\*\* Please limit the search to a minimum length of 3 and a maximum length of 10.

Please call with any questions.

Suzy

Suzanne M. Mayer, Ph.D. Patent Examiner United States Patent and Trademark Office 400 Dulany St. - Remsen Alexandria, VA 22314

Tel: 571-272-2924 Fax: 571-273-2924 AU 1653: 3 E 84 Mailbox: 3 C 70 RECEIVED

SEP 15 2005

TECH/CHEM. DIVISION
(STIC)

Searcher:	
Searcher Phone:	
Date Searcher Picked up:	
Date completed:	
Searcher Prep Time:	
Online Time:	

Type of Search												
NA#	AA#:											
S/L:Oligomer:												
Encode/Tra												
Structure #:Text:												
Inventor	. Litigation:											

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endors and cost where applicable
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LEXIS/NEXIS:
SEQUENCE SYSTEM:
WWW/Internet:
Other (Specify):

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3col 1875)

GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.

- protein search, using sw model protein

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September 16, 2005, 11:42:23; Search time 155.333 Seconds (without alignments) Run on:

US-10-795-795-6 55 1 WEYFIAAEEV 10 Title: Perfect score:

BLOSUM62 Gapop 10.0 , Gapext 0.5 . Scoring table: Sequence:

2105692 seqs, 386760381 residues Searched:

464945 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 3 Maximum DB seq length: 10

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries ...

Database

A\_Geneseq\_16Dec04:\*
: geneseqp1980s:\*
: geneseqp1980s:\*
: geneseqp2001s:\*
: geneseqp2001s:\*
: geneseqp2033s:\*
: geneseqp2033s:\* geneseqp2004s:\* Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

COTTONIA

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	uo	Human blo	Human blo	Human blo	Human blo		Peptide d	Lys(4), D	Plant ICK	Isoelectr	Human MAG	Immune-mo	Sequence	Sequence	Immunogen	Immunogen	Immunogen	Immunogen	HLA-A24 a	MAGE3 HLA	Human 161					
	Description	Abu62020	Ads64542	Abu62019	Ads64541	Aay72469			σ	Aaw78369	Abg79015	Abr82656	Aap20184	Aap30521	Aay46157	Aay45504	Aay46158	Aay46170	Aay00813	Aag84792	Ade68466	Ade68415	Ade68608	Ade68799	Ade68739	Ade68096
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SUMMARIES	a	ABU62020	ADS64542	ABU62019	ADS64541	AAY72469	AAG63594	AAW03705	ABG65739	AAW78369	ABG79015	ABR82656	AAP20184	AAP30521	AAY46157	AAY45504	AAY46158	AAY46170	AAY00813	AAG84792	ADE68466	ADE68415	ADE68608	ADE68799	ADE68739	ADE68096
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Ade68258 Human 161	Ade66983 Human 161	Ade68740 Human 161	Ade68884 Human 161	Ade67039 Human 161	Ade69145 Human 161	Ade66327 Human 161	Ade66789 Human 161	Ade68257 Human 161	Ade66236 Human 161	Ade66483 Human 161	Ade67782 Human 161	Ade68414 Human 161	_	_	Adp80081 Human HLA	Aap10167 Sequence	Aap30391 Gonadotro	Aap50839 Sequence	Aap50509 Sequence	
7 ADE68258	7 ADE66983	7 ADE68740	7 ADE68884	7 ADE67039	7 ADE69145	7 ADE66327	7 ADB66789	7 ADE68257	7 ADE66236	7 ADE66483	7 ADE67782	7 ADE68414	7 ADG38678	8 ADG89583	8 ADP80081	1 AAP10167	1 AAP30391	1 AAP50839	1 AAP50509	
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26	27	28	50	30	31	32	33	34	35	36	37	38	36	40	41	42	43	44	45	

## ALIGNMENTS

Ź ABU62020 standard; peptide; 10 (first entry) 26-AUG-2003 ABU62020; ABU62020 

RESULT 1

Human blood coagulation factor Va peptide, AP4.

Human; blood coagulation factor Va; blood clotting factor Va; prothrombinase inhibition; prothrombinase-inhibiting peptide; blood clotting disorder; thrombotic disorder; blood clot formation; blood vessel obstruction; coronary artery disease; unstable angina; valvular heart disease; stable angina; myocardial infarction; atrial fibrillation; stroke; blood anticoagulation; anticoagulant.

Ното варіелв.

US2003040600-A1.

27-FEB-2003.

23-JUL-2001; 2001US-00911129

23-JUL-2001; 2001US-00911129.

(KALA/) KALAFATIS M. (MANN/) MANN K.

Kalafatis M, Mann K;

WPI; 2003-492177/46.

Novel anticoagulant peptide derived from the amino acid region 307-356 human blood clotting factor Va, useful for preventing thrombotic disorders resulting from formation of blood clots that obstruct blood vessels.

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Claim 10; Fig 2; 20pp; English.

The present invention relates to peptides derived from human blood coagulation (clotting) factor Va which exhibit inhibition of prothrombinase. A pharmaceutical composition comprishing one or more of the prothrombinase-inhibiting peptides may be used for treating human subjects with blood clotting disorders. The peptides are useful for preventing thrombotic disorders resulting from the formation of blood clots that obstruct blood vessels, e.g. due to a condition chosen from

RESULT 3

ABU62019

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           angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an ICSO of between 50 nanoW-500 microM for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase.
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 coronary artery disease, valvular heart disease,
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(MANN/) MANN K G.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present invention relates to peptides derived from human blood coagulation (clotting) factor Va which exhibit inhibition of prothrombinase. A pharmaceutical composition comprising one or more of the prothrombinase-inhibiting peptides may be used for treating human subjects with blood clotting disorders. The peptides are useful for preventing thrombotic disorders resulting from the formation chosen from clots that obstruct blood vessels, e.g. due to a condition chosen from coronary artery disease, valvular heart disease, stable and unstable angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an ICSO of between SO nanoM-SOO microM for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase
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                                                                                                                                         Human; blood coagulation factor Va; blood clotting factor Va;
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                                                                                                         Human blood coagulation factor Va peptide, AP3.
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100.0%; Pred. No. 29;
ive 0; Mismatches
ABU62019 standard; peptide; 10 AA.
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                                                                        26-AUG-2003
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                                     ABU62019;
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The present invention relates to a prothrombinase-inhibiting peptide derived from a specific amino acid sequence of human blood coagulation factor Va. The invention is useful for treating human subjects with blood thting disorders. The invention is also useful for preventing thrombotic disorders resulting from formation of blood clots that obstructs blood vessels. The present sequence is the human blood coagulation factor Va peptide.
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                                                                                                                                            Prothrombinase inhibitor; human; blood coagulation factor Va; blood clotting disorder; thrombotic disorder; thrombolytic.
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                                                                                      Human blood coagulation factor Va peptide, AP3.
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                                                                                                  Identifying modulator of human DNA fragmentation factor 40, for treating cancer, involves contacting cell or cell-free composition comprising DFF40 with candidate substance and comparing apoptosis with control.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gарв
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human; DNA fragmentation factor; DFP40; DFF45; apoptosis; DNase;
molecular chaperone; cancer cell.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52.7%; Score 29; DB 4; Length 9; 100.0%; Pred. No. 1.8e+06; Live 0; Mismatches 0; Indels
                                                                                                                                                                   Example 1; Col 63; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAG63594 standard; peptide; 9 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                          multi-drug resistant cancer
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           (TEXA ) UNIV TEXAS SYSTEM.
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                                                                       WPI; 2001-090481/10.
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 WEYF
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                                        Wang X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Loc
Matches
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New DNA fragmentation factor polypeptides and polynucleotides, useful for inhibiting the growth of cancer cells, as well as for inducing apoptosis

Example 1; Page 19; 56pp; English

of cells.

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        The present sequence represents a peptide, derived from human DNA fragmentation factor subunit of 40 kDa, designated DFF40. The peptide was used to designa a PCR primer (AAH74644). The specification also describes DFF45. DFF40 is capable of inducing apoptosis, and may contain a nuclear localisation fragment. DFF45 acts as a molecular chaperone to direct the folding of DFF40. Although all DNase activity is associated with DFF40, DFF activity only occurs once DFF40 is complexed with DFF45. The DFF polypeptides and polynucleotides are useful for inhibiting the growth of cancer cells, and for inducing apoptosis of cells
                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Palyi I, Turi G;
Seprodi J;
                                                                                                                                                                                                                                                                                                                                                                 gonadotropin releasing hormone; GnRH; analogue; conjugate;
poly(N-vinylpyrrolidone-co-maleic anhydride) polymer; breast cancer.
                                                                                                                                                                     .;
0
                                                                                                                                              Score 29; DB 4; Length 9;
Pred. No. 1.8e+06;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Murphy RF, Toth G, Kalnay A, Gaal D,
Mezo I, Tanai H, Vadasz Z, Teplan I,
                                                                                                                                       52.7%; Sco...
100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     'notes "D-form residue"
                                                                                                                                                                                                                                                                                                                                          Lys(4), D-Phe(6)-hGnRH(1-9)-ethylamide.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                'note= "pyro-Glu"
                                                                                                                                                                                                                                                                       AAW03705 standard; peptide; 9 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              95WO-US010054
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94HU-00002329,
                                                                                                                                                                      4; Conservative
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MURPHY R F.
TOTH G.
                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      KALNAY A.
GAAL D.
PALYI I.
TURI G.
VINCZE B.
MEZO I.
TANAI H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VADASZ Z.
TEPLAN I.
SEPRODI J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Misc-difference
                                                                                                                          Sequence 9 AA;
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Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic.
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(TEPL/)
(SEPR/)
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(GAAL/)
(PALY/)
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WPI; 1996-139455/14

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                                                                                   Two new types of GnRH peptide molecules are provided. The first type consists of a poly(N-vinylpyrrolidone-co-maleic anhydride) polymer having conjugated to it a number of molecules of native GnRH or a GnRH analogue. Conjugation is by condensation between a carbonyl group attached to the polymer backbone and a side chain epsilon-amino group of a Lys residue of the GnRH or its analogue. Optionally this condensation may be via the intermediary of a peptide spacer group (preferably -Gly-Phe-Leu-Gly-, Phe-Leu-Gly-, Gly-Leu-Gly-, -Ahx-). The second type consists of specific GnRH nalogues which are themselves new and which can optionally be used as components of the above conjugate. Both types of molecule are useful as inhibitors of tumours, particularly breast cancer. The present sequence represents a specifically claimed example of the new GnRH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Novel plant ICK (Inhibitors of Cyclin Dependent Kinases) polypeptide used to screen substrates, drugs or compounds which modulate ICK activity and treat disorders characterized by an insufficient or excessive production
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         This invention relates to the DNA and protein sequences of novel isolated ICK (Inhibitors of Cyclin Dependent Kinases) proteins. The sequences of the invention may be used for treating disorders characterised by insufficient or excessive production of an ICK inhibitor. The protein of the invention may also be used to screen for naturally-occurring ICK substrates, drugs or compounds which modulate ICK activity, as well as to
New conjugates of active peptide(s) - are useful for inhibiting growth of
                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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                                                                                                                                                                                                                                                                                                                                                                                         Score 27; DB 2; Length 9;
Pred. No. 1.8e+06;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Plant; inhibitor of cyclin dependent kinase; ICK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Plant ICK protein conserved motif 1 #47.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABG65739 standard; peptide; 10 AA.
                                                        Claim 15; Page 68; 70pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Frankard VMS, Peres Bota AM,
                                                                                                                                                                                                                                                                                                                                                                                           49.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14-JUL-2000; 2000US-0218471P.
13-OCT-2000; 2000US-0241219P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29-JUN-2001; 2001WO-IB001492.
                       cancers esp. breast cancer
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Matches 3; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       of ICK inhibitors.
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3 WKYFL 7
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                                                                                                                                                                                                                                                                                                                                                          Sequence 9 AA;
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Query Match
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                                                                                                                                                                                                          Wang R;
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                             Markers for isoelectric point electrophoresis in UV absorption detection - contain at least one tryptophan.
                                                                                                                                                                                                                                                                                                                                                                                                                                         This peptide is a synthetic marker peptide used for isoslectric focusing electrophoresis, particularly capillary isoelectric focusing electrophoresis. The peptide contains at least on tryptophan amino acid residue for detection in the UW absorption range. The markers (AAMY8364-W78379) provide sharp isolation, large UW absorption intensity and wide range of pI, and can be easily handled
treat disorders characterised by insufficient or excessive production of ICK protein, forms which have decreased or abstrant activity compared to ICK wild type protein. The present sequence represents an inhibitor of cyclin dependent kinase (ICK) protein of the invention
                                                                                                                                                                                                                                      Marker peptide; capillary isoelectric focusing electrophoresis; IEF; pI; tryptophan; detection; UV absorption.
                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                            Score 27; DB 5; Length 10;
Pred. No. 3.5e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 6;
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75.0%; Pred. No. 1.8e+06;
:ive 1; Mismatches 0;
                                                                                                                                                                                                                      Isoelectric focusing marker peptide #33.
                                                                                                                                                                                                                                                                                                                                                            (BUNS-) BUNSHI BIOHOTONICS KENKYUSHO KK.
                                                                                                                                                                AAW78369 Btandard; peptide; 6 AA.
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                                                                                                                                                                                                                                                                                                                         97JP-00178579.
                                                              49.1%;
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                                                     Ouery Match
Best Local Similarity 75...
6; Conservative
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                                                                                                  2 EYPIAAEE 9
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                                              Sequence 10 AA;
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                                                                                                                                                                                                                                                                    Synthetic.
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The invention relates to a composition (I) comprising an immune effector cell and a cell penetrating peptide (CPP) associated with an antigen or antibody. Also included are (I) a vaccinte comprising (I), CPP associated with an antigen. CC with an antigen, and aparmaceutically acceptable carrier and (2) respective of the carrier and (2) respective at the antigen. CC associated with an antigen for disease, by providing (I) and CPP cassociated with an antigen enters into the cell. The antigens are, for example, tumour antigen enters into the cell. The antigens are, for example, tumour antigen enters into the cell. The antigens of infiltrating lymphocytes (TIL) of HLA (human leukocyte antigen) class I or II. The composition is useful for enhancing immunity in an animal to a disease, by administering a mature dendritic cell comprises Deth CD4+ and CD8+ T cells. It is also useful for treating associated with an antigen to disease, to the animal, such that following cc comprises both CD4+ and CD8+ T cells. It is also useful for treating accomprises both CD4+ and CD8+ T cells. It is also useful for treating accomprises both CD4+ and CD8+ T cells. It is also useful for treating cancer, non-Hodgkin's lymphoma, leukamia, Hodgkin's lymphoma, uterine cancer, cervical cancer, bladder cancer, kidney cancer, adenocarcinome, breast cancer, prostate cancer, ovarian cancer and pancreatic cancer). The animal is further subjected to a cancer reatment including surgery, radiation, chemotherapy or gene therapy. The administration of [I], the cancer treatment is prior to subsequent to or concurrent with, cells and concerned and concerne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
Human MAGE-A2 class 3 HLA restricted testis cancer antigen peptide #6
                                                                                             Cell penetrating peptide; cancer; tumour; melanoma; thymoma; antigen; lymphoma; sarcoma; lung cancer; non-Hodgkin's lymphoma; leukaemia; Hodgkin's lymphoma; uterine cancer; cervical cancer; bladder cancer; kidney cancer; adenocarcinoma; breast cancer; prostate cancer; ovarian cancer; pancreatic cancer; epitope; vaccine; dendritic cell; tumour infiltrating lymphocyte; TIL; human leukocyte antigen; HLA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Novel composition for treating a disease in an animal, comprises an immune effector cell and cell penetrating peptide associated with an antigen or antibody.
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75.0%; Pred. No. 1.8e+06;
:ive 1; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BAYU ) BAYLOR COLLEGE MEDICINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15-FEB-2002; 2002WO-US005212.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15-FEB-2001; 2001US-0268687P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 2002-627577/67.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                  cytostatic; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WO200264057-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22-AUG-2002
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contraceptive;

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The peptides of the invention are more potent than IRF in inducing secretion of gonadotropins, e.g. with 36-143 times the potency of LRF in inducing secretion of luteinising hormone by rat pituitary cells. At high doses they can be used to inhibit male and female fertility, terminate pregnancy, and inhibit spermatogenesis in males. At low doses they can be used to resore fertility and allow timing of ovulation. They can also be used to reduce sex hormone levels, e.g. in cases of sex-hormone-dependent neoplasma, precocious puberty, endometriosis or dysmenorrhoea. (Updated on 27-AUG-2003 to correct
                                                                                                                                                       /note= "R=chloro, dichloro, methyl, nitro,
acetylamino, methoxy, pentamethyl; Specifically claimed
when R=4-chloro, 3, 4-dichloro, 4-methyl, 4-methoxy, 4-
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Peptide analogues of gonadotropin releasing factor - contg. modified phenylalanine in 6 position, esp. useful for fertility control.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence of luteinising hormone releasing factor (LRF) analogue.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 26; DB 1; Length 9;
Pred. No. 1.8e+06;
        Gonadotropin, luteinising hormone releasing factor; or fertility inhibitor; pregnancy termination; abortion; spermatogenesis inhibitor; ovulation; sex hormone.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                           (SALK ) SALK INST BIOLOGICAL STUDIES.
                                                                                         Location/Qualifiers
                                                                                                                                                                                                 nitro,pentamethyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAP30521 standard; peptide; 9 AA
                                                                                                                                                                                                                            /label= Pro-NHEt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 1; Page 17; 19pp; English
                                                                                                                                             label= R-D-Phe
                                                                                                                   /label= p-Glu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.3%;
                                                                                                                                                                                                                                                                                                           81EP-00303673
                                                                                                                                                                                                                                                                                                                                     80US-00182595.82US-00353237.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (revised)
(revised)
(first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 1982-20188E/11.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 WSYFL 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 WEYFI 5
                                                                                                                                 Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 9 AA;
                                                                                           Key
Modified-site
                                                                                                                                                                                                                 Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25-MAR-2003
16-AUG-2002
14-JUN-1992
                                                                                                                                                                                                                                                                                                            12-AUG-1981;
                                                                                                                                                                                                                                                                                                                                       29-AUG-1980;
                                                                                                                                                                                                                                                                                                                                                  01-MAR-1982;
                                                                                                                                                                                                                                                                                                                                                                                                         Rivier JBF,
                                                                                                                                                                                                                                                                                 10-MAR-1982
                                                                                                                                                                                                                                                       EP47079-A.
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                                                                Mammalia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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XEXHEEXXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셤
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                                                                  antibacterial;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to immune-modulating peptides of the formyl receptor family comprising a sequence having 3-6 amino acids. The peptides are useful for preparing composition for treating a disorder e.g., infection, rheumatoid arthritis, Lyme's arthritis, gout, sepals syndrome, hyperthermia, ulcerative colitis, enterocolitis, osteoporosis, periodontal disease, glomerulonephritis, type I insulin dependent diabetes mellitus, lung inflammation or cancer. Sequences ABR83652-675 represent specific examples of the immune-modulating peptides of the
                                                               Immune modulation; formyl peptide receptor; antimicrobial; antibacterial antiarthritic; antiinflammatory; antidiabetic; nephrotropic; cytostatic; osteopathic; vasotropic; gene therapy; FPR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New peptide, useful for preparing composition for treating a disorder e.g., rheumatoid arthritis, lung inflammation or cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence of analogue of the gonadotropin releasing factor LRF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    47.3%; Score 26; DB 7; Length 6; 60.0%; Pred. No. 1.8e+06; ive 1; Mismatches 1; Indels
                                                                                                                                                                                                    /note= "D-form residue"
                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAP20184 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                     Song J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim 1; Page 9; 57pp; English.
                                     [mmune-modulating peptide #5
                                                                                                                                                                                                                                                                                   28-JAN-2003; 2003WO-KR000191
                                                                                                                                                                                                                                                                                                              29-JAN-2002; 2002US-0352930P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (revised)
(revised)
(first entry)
              04-DEC-2003 (first entry)
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POSTECH FOUND.
RYU S.
SUH P.
BAE Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                    Bae Y,
                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2003-646137/61.
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                                                                                                                                                                                        Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                    Suh P,
                                                                                                                                                                                                                             WO2003064447-A2
                                                                                                                                                                                                                                                                                                                                                                                                         SONG/) SONG J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HEYMV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6 AA;
                                                                                                                                                Key
Modified-site
                                                                                                                                                                                                                                                          07-AUG-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         27-AUG-2003
25-MAR-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19-AUG-1992
                                                                                                                       Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    invention
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(SUHP/)
(BAEY/)
                                                                                                                                                                                                                                                                                                                                        POSC-)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 12
AAP20184
ID AAP20184
AC AAP20
XX
XY
DT 27-AU
DT 25-MA
DT 19-AU
XX
XX
XX
DT 25-MA
DT 25-MA
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RESULT 14

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The inventors claim two different ways of modifying the SQ in AAP30521 - (A) & (B) (see FT). The claimed peptides are LRF analogues with ca. 130-140 times the gonadotropin-releasing activity of LRF. They can be used to regulate (inhibit or restore) fertlity in male and female mammals, control oestrus, and reduce sex hormone levels. B is an intermediate for A (see FT). (Updated on 16-AUG-2002 to add missing OS field.) (Updated on 25-MAR-2003 to correct PA
                                                                                                                                                                                                                                                                             /label= Y-(X4)(B)
/note= "X4=tetrahydropyranyl,t-butyl,trityl,
bensyl,benzyloxy-carbonyl, 4-bromobenzyloxycarbonyl,2,6-
dichlorobenzyl"
                                                                                                                                                          /note= "X2=tosyl, benzyl, 2,2,2-trifluoro-1- (benzyloxy-carbonylamino)ethyl, 2,2,2-trifluro-1-(t-burylooxycarbonyl- amino)ethyl,2,4-dinotrothiophenyl"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Peptide(s) with gonadotropin-releasing activity – comprising LRF analogues with substd. D-phenylalanine gp.
                                                                                                                                                                                                                                                                                                                                                                                                             adamantyloxycarbonyl,t-butyloxycarbonyl (Boc),H"
Gonadotropin-releasing activity, fertility, inhibitor, oestrus, sex hormone, contraceptive.
                                                                                                                                                                                                                                /note= "X3aacety1, benzoy1, tetrahydropyrany1, buty1, trity1, benzy1, 2, 6-dichlorobenzy1"
                                                                                                                                                                                                                                                                                                                                                                                                 /note= "X5=nitro,tosyl,benzyloxycarbonyl,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.3%; Score 26; DB 1; Length 9; 60.0%; Pred. No. 1.8e+06; ive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                   /label= methyl-,nitro-,methoxy-D-F (A&B)
                                                                                                                                                                                                                                                                                                                                                                                                                                        /label= P-NH-CH2-CH3(A), P-X6(B)
/note= "X6=NHEt,OCH2-R;R=resin support"
                                                                                                      'label= p-E(A),X1-p-E(B)
'note= "X1=H,protecting gp."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (SALK ) SALK INST BIOLOGICAL STUDIES.
                                                                         Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                 label= R(X5)(B)
                                                                                                                                                 /label= H(X2)(B)
                                                                                                                                                                                                                       /label= S(X3)(B)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 1; Col 9; 6pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            80US-00182595
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       80US-00182595
82US-00353237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity 60.03; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rivier JEF, Vale WW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 1983-51493K/21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9 AA;
                                                                            Key
Modified-site
                                                                                                                                  Modified-site
                                                                                                                                                                                                                                                                  Modified-site
                                                                                                                                                                                                                                                                                                                                       Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29-AUG-1980;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        01-MAR-1982;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US4382922-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10-MAY-1983
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Best Local Si
Matches
                                                Synthetic
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AAY45390 to AAY48214 represent specifically claimed immunogenic peptides chaving a human major histocompatibility complex (MHC) Class I (also known as human leukocyte antigen (HLA)) binding motif. The immunogenic peptides can bind to a specific HLA allele (i.e. HLA-A subtypes HLA-A2.1, A1, A3.2 cor A24.1 or HLA-B or C) and induce a cytotoxic T call response against the antigen from which the peptide is derived. Cytotoxic T lymphocytes (CTIS) which destroy antigen-bearing cells are normally induced by an cantigen in the form of a peptide fragment bound to a HLA molecule, rather than the intact foreign antigen itself, and are particularly important in cherefore useful therapeutically to treat or prevent viral infections and cancers in mammals (especially humans) e.g. prostate cancer, hepatitis B and C, AIDS, and renal carcinoma. They can be administered as vaccines to elicit an immune response in Individuals susceptible or otherwise at risk colviral infection or cancer, or used to treat chronic or acute conditions. They are also useful diagnostically, and can be used to induce a cytotoxic T call response, by contacting a cytotoxic T cell with the peptide e.g. to produce CTLs ex vivo for infusion back into a the peptide e.g. to produce CTLs ex vivo for infusion back into a paice.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             New immunogenic peptides with HLA binding motif, useful in treatment and diagnosis of cancers and viral diseases.
                                                                                                              Immunogenic peptide having a human leukocyte antigen binding motif #768.
                                                                                                                                                   Human leukocyte antigen; binding; immunogenic; glycoprotein; MHC; HLA; immune response; T cell activation; major histocompatibility complex; cytotoxic T lymphocyte; CTL; tumour rejection; viral infection; cancer; prostate cancer; hepatitis B; hepatitis C; AIDS; renal carcinoma;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Southwood
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 26; DB 2; Length 9;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Grey HM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Celis E,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAY45504 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; Page 59; 150pp; English.
              AAY46157 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sidney J,
                                                                                                                                                                                                                                                                                                                                                                                          98WO-US005039.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A 47.3%;
Similarity 75.0%;
3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                            98WO-US005039
                                                                                   (first entry)
                                                                                                                                                                                                                                 vaccine; immunisatior
                                                                                                                                                                                                                                                                                                                                                                                                                                                               (EPIM-) EPIMMUNE INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 1999-551214/46.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kubo RT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9 AA;
                                                                                                                                                                                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                      WO9945954-A1
                                                                                                                                                                                                                                                                                                                                                                                          13-MAR-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                              13-MAR-1998;
                                                                                     01-DEC-1999
                                                                                                                                                                                                                                                                                                                                                       16-SEP-1999
                                                                                                                                                                                                                                                                  Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sette A,
                                                   AAY46157;
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AAY45504
ID AAY45
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AAY46157
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New immunogenic peptides with HLA binding motif, useful in treatment and diagnosis of cancers and viral diseases.
                                            Immunogenic peptide having a human leukocyte antigen binding motif #115.
                                                           Human leukocyte antigen; binding; immunogenic; glycoprotein; MHC; HLA; immune response; T cell activation; major histocompatibility complex; cytocoxic T lymphocyte; CTL; tumour rejection; viral infection; cancer; prostate cancer; hepatitis B; hepatitis C; AIDS; renal carcinoma; vaccine; immunisation
                                                                                                                                                                                                                                                                                                         Claim 1; Page 31; 150pp; English.
                                                                                                                                                                                                                                          Sette A, Kubo RT, Sidney J,
                                                                                                                                                                                     98WO-US005039.
                                                                                                                                                                                                      98WO-US005039
                          01-DEC-1999 (first entry)
                                                                                                                                                                                                                        (EPIM-) EPIMMUNE INC
                                                                                                                                                                                                                                                           WPI; 1999-551214/46.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9 AA;
                                                                                                                                                W09945954-A1
                                                                                                                                                                                     13-MAR-1998;
                                                                                                                                                                                                      13-MAR-1998;
                                                                                                                              Homo sapiens
                                                                                                                                                                  16-SEP-1999,
                                                                                                                      Synthetic
         AAY45504;
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Southwood S;

Celis E, Grey HM,

AAY45390 to AAY48214 represent specifically claimed immunogenic peptides having a human major histocompatibility complex (MHC) Class I (also known as human leukocyte antigen (HLA)) binding motif. The immunogenic peptides can bind to a specific HLA allele (i.e. HLA-A subtypes HLA-A2.1, A1, A3.2 or A24.1 or HLA-B or C) and induce a cytotocxic T cell response against the antigen from which the peptide is derived. Cytotocxic T lymphocytes (CTLS) which destroy antigen-bearing cells are normally induced by an antigen in the form of a peptide fragment bound to a HLA molecule, rather than the intact foreign antigen itself, and are particularly important in therefore useful therapeutically to treat or prevent viral infections and cancers in mammals (especially humans) e.g. prostate cancer, hepatitis B and C. AIDS, and renal carcinoma. They can be administered as vaccines to elicit an immune response in individuals susceptible or otherwise at risk of viral infection or cancer, or used to treat chronic or acute conditions. They are also useful diagnostically, and can be used to thing a cytocoxic T cell response, by contacting a cytocoxic T cell response, conditions the peptide e.g. to produce CTLs ex vivo for infusion back into a the peptide e.g. to produce CTLs ex vivo for infusion back into a constitute. The polynucleotides encoding the immunogenic peptides are also useful therapeutically and for immunisation as above

Gapa ; Score 26; DB 2; Length 9; Pred. No. 1.8e+06; 1; Mismatches 0; Indels 47.3%; 3; Conservative Query Match Best Local Similarity Matches ઠે

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Search completed: September 16, 2005, 11:53:51 Job time : 157.333 secs

√Fri Sep 16 16:20:44 2005

Abp62248 Human imm Aae2521 S. hindus Abw00681 Bleomycin Aay46585 Immunogen Aay47954 Immunogen Aay47954 Immunogen Aay49186 Immunogen Aam49947 Human D40 Adn64374 Human D40 Adn64374 Human D40 Adn64378 Human Cyc Aay1692590 Plasmodiu Aay69296 Human Cyc Aam4978 Eurile a Aam4978 Eurinoge Aar32379 Fibrinoge Aar32379 Fibrinoge Aar3134042 Safener b Abr62945 HIV-1 vir Ado28452 Capture s	, LSS. clotting factor Va; -inhibiting peptide; der; blod clot formation;	disease; unstable angina; ocardial infarction; agulation; anticoagulant.  the amino acid region 307-356 of or preventing thrombotic od clots that obstruct blood of clots that obstruct blood derived from human blood hibit inhibition of ion comprising one or more of ion compris
73.1 8 5 ABP62248 73.1 8 5 AAR35521 73.1 9 2 AAY46585 73.1 9 2 AAY46585 73.1 9 2 AAY46585 73.1 9 2 AAY4934 73.1 9 8 AAB9947 73.1 9 8 ADP6212 73.1 9 8 ADP6212 73.1 10 3 AAM9978 73.1 10 3 AAM9978 73.1 10 5 AAM9978 69.2 6 2 AAX49792 69.2 6 7 ABR62945 69.2 6 6 AAY3042	T. 1 026 ABU62026 standard; peptide; 5 AA. ABU62026; 26-AUG-2003 (first entry) Human blood coagulation factor Va peptide, L5S. Human; blood coagulation factor Va; blood clotting factor Va; prothrombinase-inhibiting peptide; prothrombinase inhibition; prothrombinase-inhibiting peptide; blood clotting disorder; thrombotic disorder; blood clot formation;	blood vessel obstruction; coronary artery disease; unstable angina; valvular heart disease; stable angina; myocardial infarction; valvular heart disease; stable angina; myocardial infarction; atticoagulation; anticoagulant. Homo sapiens.  127-FEB-2003. 123-JUL_2001; 2001US-00911129. 124-ANN K.  Kalafatis M, Mann K; WPI; 2003-492177/46.  Novel anticoagulant peptide derived from the amino acid region 307-356 howan blood clotting factor Va, useful for preventing thrombotic disorders to peptides derived from human blood coagulation (clotting) factor Va which exhibit inhibition of prothrombinase. A pharmaceutical composition comprising or more of prothrombinase. A pharmaceutical composition comprising human subjects with blood clotting disorders. The peptides are useful for preventing thrombotic disorders resulting from the formation of blood clots that obstruct blood wessels, e.g. due to a condition chosen from preventing thrombotic disorders resulting from the formation of blood clots from preventing thrombotic disorders resulting from the formation of blood clots from preventing thrombotic disorders resulting from the formation of blood clots for the formation of blood clots from the formation of blood clots for the formation of formation of clots for the formation of clots for the form
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sigen Ltd.  arch time 77.6667 Significan cell updat.  Aillion cell updat.		ted by chance to have of the result being p core distribution.  Descripti  Abu62026  Ads64548  Abu62026  Ads64547  Ads6472  Ads6472  Ads6472  Ads6472  Ads6473  Ads6474  Ad
GenCore version 5.1.6  Copyright (c) 1993 - 2005 Compugen Ltd.  - protein search, using sw model September 16, 2005, 11:42:23; Search time 77.6667 S (without alignments) 24.899 Million cell updat. US-10-795-795-12 1 LDNFS 5 2105692 segg, 386760381 residues 2105692 segg, 386760381 residues 2105692 segg, 386760381 residues	Maximum DB seq length: 10  Post-processing: Minimum Match 00%  Maximum Match 100%  Listing first 45 summaries  Listing first 45 summaries  A.Geneseq_16Dec04:*  1: geneseqp1990s:*  2: geneseqp2001s:*  4: geneseqp2001s:*  5: geneseqp2003s:*  7: geneseqp2003s:*  6: geneseqp2003s:*  7: geneseqp2003s:*	## SUMMARIES  # Control of the result being predicted by chance to have a train or equal to the score of the result being predicted by analysis of the total score distribution.  **SUMMARIES**  **SUMMARIES**  **SUMMARIES**  **Description**  **De

(first entry)

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Human; blood coagulation factor Va; blood clotting factor Va; prothrombinase inhibition; prothrombinase-inhibiting peptide; blood clotting disorder; thrombotic disorder; blood clot formation; blood vessel obstruction; coronary artery disease; unstable angina; valvular heart disease; stable angina; myocardial infarction; atrial fibrillation; stroke; blood anticoagulation; anticoagulation.
                                                                                                                                                                                                              Human blood coagulation factor Va peptide, AP9.
                                                                       ABU62025 standard; peptide; 10 AA.
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                                                                                                                                                                     26-AUG-2003
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                             RESULT 3
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coronary artery disease, valvular heart disease, stable and unstable angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an ICSO of between 50 nanoM-500 microM for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADS64548 standard; peptide; 5 AA.
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                                                                                                                                                                                             Sequence 5 AA;
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Kalafatis M, Mann K;

(KALA/) KALAFATIS M.

MANN K.

MANN/)

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Novel anticoagulant peptide derived from the amino acid region 307-356 of human blood clotting factor Va, useful for preventing thrombotic disorders resulting from formation of blood clots that obstruct blood
                                                                                                                                                                                                                                                           The present invention relates to peptides derived from human blood coagulation (clotting) factor Va which exhibit inhibition of prothrombinase. A pharmaceutical composition comprising one or more of the prothrombinase-inhibiting peptides may be used for treating human subjects with blood clotting disorders. The peptides are useful for preventing thrombotic disorders resulting from the formation chosen for clots that obstruct blood vessels, e.g. due to a condition chosen from coronary artery disease, valvular heart disease, stable and unstable angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an ICSO of between SO nanoM-SOU microM for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase
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ADS64547
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Ostergaard S, Holm A, Holst-Hansen C, Stephens RW;
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            17-JUN-1993;
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                                                                              Saunders S,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Cell surface; proteoglycan; syndecan; mouse; mammary; epithelial cell; ectodomain; NMuMG; glycosylation; heparan sulphate; chondroitin sulphate; chimaera; chimaeric molecule; effector molecule; receptor; drug; antibody; diagnostic agent.
                                                                                                                                                                                                                                                                                                                                          New prothrombinase-inhibiting peptide derived from a specific amino acid sequence of human blood coagulation factor Va, useful for treating human subjects with blood clotting disorders.
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                                                                 Prothrombinase inhibitor; human; blood coagulation factor Va; blood clotting disorder; thrombotic disorder; thrombolytic.
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                                         Human blood coagulation factor Va peptide, AP9.
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                                                                                                                                                                                                                                                                                                                                                                                                  claim 10; SEQ ID NO 11; 20pp; English
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(MANN/) MANN K G.
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              16-DEC-2004
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The sequence of the heparan sulphate attachment site of the mouse syndecan-1 protein. The sequence is found at position 45-48 of the complete syndecan-1 amino acid sequence (AAR66794). The sequence conforms to the generic attachment site sequence (AAR66794) based on amino acid sequence comparisons between syndecan 1-4 proteins. The glycosylation site is found in the extracellular domain of the protein. The functional domains, esp. the soluble extracellular or heparan binding site, of the syndecan molecules (see AAR66797-812 and AAR66818) can be used to construct chimaeras by linking them to biological effector molecules, components of microorganisms. (Updated on 25-WAR-2003 to correct PN field.)
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                                                                                                                                                                                                                                                                             DNA and protein sequences for recombinant syndecan-derived proteoglycan(s) - comprising a core protein having glycosylation sites for heparin sulphate glycosaminoglycan side chains.
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                                                                (CHIL-) CHILDRENS MEDICAL CENT
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93US-00078683
                                                                                                                                                          Bernfield M,
                                                                                                                                                                                                                          WPI; 1995-052071/07.
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Best Local Similarity
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Matches
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AAM43099
ID AAM4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This invention describes a novel tumor-associated antigen, designated 9D7 which has cytostatic activity. The invention also describes a method for isolating (a) a polypeptide (I) that includes (81) as part of its sequence; (b) an immunogenic protein fragment or peptide (II) derived from 9D7; (c) a pharmaceutical composition containing at least 1 of 9D7, (I) or (II) as active ingredients; (d) an isolated DNA (III) encoding a protein (IV) with the immunogenic properties of 9D7 or its fragments; (e) a recombinant DNA (IIIa) that includes (III); and (f) antibodies (Ab) directed against 9D7, (I) or (II). 9D7, or its derived immunogenic
                                                                                                                                  This sequence represents a urokinase receptor (upAR) antagonist peptide. The peptide inhibits the binding interaction between human urokinase plasminogen activator (uPA) and its cell surface receptor (uPAR). Preventing uPA binding to uPAR, reduces the ability of uPA to convert plasminogen to plasmin, this results in a reduction of localised protecolysis caused by plasmin. The peptides of the invention are used to treat cancer, particularly acute myeloid leukaemia, malignant gliomas and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                for immunotherapy of cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tumor-associated antigen; 9D7; human; cytostatic; immunogenic; immunotherapy; cancer; cellular anticancer vaccine; diagnostic; kidney; lung; colon; breast; carcinoma; Hodgkin's lymphoma.
                                                           New peptides that antagonize the urokinase receptor, used for treating cancer by preventing localized conversion of plasminogen to plasmin.
                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                   ;
0
                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                       Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                tumor-associated antigen 9D7, useful e.g. for immun for producing diagnostic or therapeutic antibodies.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human 9D7 protein immunogenic fragment SEQ ID NO: 43.
                                                                                                                                                                                                                                                                                                     84.6%; Score 22; DB 3; Le
100.0%; Pred. No. 1.8e+06;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sommergruber W, Heider K;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (BOEH ) BOEHRINGER INGELHEIM INT GMBH.
                                                                                                       Disclosure, Page 51; 75pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAB10884 standard; protein; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim 6; Page 40; 50pp; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               99DE-01009503.
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                                                                                                                                                                                                                                                                                                                                   Conservative
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                               WPI; 2000-171009/15.
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                                                                                                                                                                                                                                                                                                                    Local Similarity
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                                                                                                                                                                                                                                                                           Sequence 9 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             04-MAR-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB10884;
                                                                                                                                                                                                                                                                                                     Query Match
 Dano K;
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The present sequence is one of a large number of complementary peptide ligands generated from Mycoplasma genitalium genome sequences. These specific complementary peptides interact with their relevant target proteins encoded by the microbial genome. They are capable of antagonising or agonising specific interaction of a protein with another protein or receptor and are thus useful as reagents and drugs, and as cools for functional genomic studies, reagents and trugs, and as tools for functional genomic studies, reagents for the configuration of high-throughput screens, as a starting point for medicinal chemistry manipulation, for peptide mimetics and as therapeutic agents. The analysis and acquisition of peptide sequences facilitates understending of protein-protein interactions. The method allows for analysis of an complementary peptides includes both intermolecular (between proteins) and intermolecular (within a protein) sequences
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peptides, are used to induce a humoral and/or cellular response for use in n vivo or ex vivo immunotherapy of cancer. DNA (III) that encodes 9D7 can be used similarly and cells that express 9D7 are useful in cellular anticancer vaccines. Antibodies (Ab) specific for 9D7 are useful in cellular imaging, diagnosing and monitoring cancers, also, when conjugated to cytocoxins or radiomucilade, as therapeutic agents. Peptides derived from 9D7 may also be used diagnostically to test for an immune response. 9D7—associated cancers are particularly kidney, lung, colon and breast carcinoma and Hodgkin's lymphoma. AAB10874-B10899 represent immunogenic fragments of the human tumor-associated antigen 9D7 which is described in the method of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mycoplasma genitalium; complementary peptide; ligand;
protein-protein interaction; drug design; intermolecular; intramolecular.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Complementary peptide ligands as reagents and drugs for drug discovery programs and as lead ligands to facilitate drug design and development, are generated from microbial genome sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mycoplasma genitalium intermolecular complementary peptide, SEQ ID 408
                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                         84.6%; Score 22; DB 3; Length 9; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Example 2; Page 106; 161pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAM43099 standard; peptide; 10 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mycoplasma genitalium.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2001-514238/56.
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                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                               Sequence 9 AA;
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Peptide was obtained following trypsin digestion of colon p40 OSN. The invention covers peptides having at least 80% homology with this peptide. See also AAP81595, PAP81590.2 and AAP81904-5 (Updated on 03-OCT-2002 to add missing OS field.) (Updated on 25-WAR-2003 to correct PA field.)
                                                                                                                                                                                                                             New peptide fragments reactive with organ specific neo:antigen - useful in leucocyte adherence inhibition tests for diagnosis and monitoring of cancer, and corresp. antibodies.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DV17; antigen; lungworm; immunogenic protein; ELISA; antibody; cattle; enzyme linked immunosorbent assay; vaccine; dictyocauliasis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  D. viviparous DV17 antigen Lys C proteolytic peptide fragment
       organ specific necantigen (OSN); lung cancer; colon p40; leucocyte adherence inhibition.
                                                                                                                                                                                                                                                                                                                                                                                                Score 20; DB 1; I
Pred. No. 1.8e+06;
1; Mismatches 0;
                                                                                                                                                                                     Thomson DMP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAW81790 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                Claim 9; Page 50; 62pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pauli A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 97DE-01015586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       97DE-01015586
                                                                                                                87WO-US001595
                                                                                                                                      86US-00881887
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Best Local Similarity 75.0%;
Matches 3; Conservative
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(first entry)
                                                                                                                                                              BIRA ) BIO RAD LAB INC
                                                                                                                                                                                     Lamotte G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Dictyocaulus viviparus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Schmid K,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 1998-558238/48.
N-PSDB; AAV64648.
                                                                                                                                                                                                          WPI; 1988-021672/03.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (FARH ) HOECHST AG
                                                                                                                                                                                                                                                                                                                                                                                                                                               1 LDNF 4
                                                                                                                                                                                                                                                                                                                                                                              Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15-APR-1997;
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                                             Homo sapiens.
                                                                                                                 02-JUL-1987;
                                                                                                                                        03-JUL-1986;
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29-JAN-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22-OCT-1998
                                                                   WO8800344-A
                                                                                          14-JAN-1988
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                                                                                                                                                                                     Walker RP,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAW81790;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        This sequence represents an epitope fragment of various human sodium channel proteins. The sequence is used to design a PCR primer, which is used in the identification of a human sodium channel SCNBA encoding generations of any provides the SCNBA encoding gene sequence, protein sequence, and an antibody against the sodium channel. The SCNBA protein alpha subunit and its encoding cDNA can be used in the elucidation of the physiological mechanisms of excitatory cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                          Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                 New sodium channel SCNBA useful for the elucidation physiological mechanism participated by excitatory cells.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A second minor tryptic fragment derived from colon p40 OSN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               80.8%; Score 21; DB 3; Length 10; 60.0%; Pred. No. 3.2e+02; ive 2; Mismatches 0; Indels
                                  Length 10;
                                                         Indels
                                                                                                                                                                                                                                      Sodium channel epitope used to design PCR primer Na-3B.
                                   DB 4; Le
1.9e+02;
                                                                                                                                                                                                                                                             8A; SCN8A; human; excitatory cell
                                              Pred. No. 1.9
Mismatches
                                   Score 22;
                                                                                                                                                                                                                                                                                                                                                                                                      (KAGA-) KAGAKU GIJUTSU SHINKO JIGYODAN
                          84.6%; Scc.
100.0%; Pred
0; M
                                                                                                                                                                 AAB23572 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAP81903 standard; protein; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Example; Fig 1; 14pp; Japanese
                                                                                                                                                                                                                                                                                                                                                         99JP-00004645
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                                             Local Similarity 100 nes 4; Conservative
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Best Local Similarity
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5 IDNPN 9
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DNFS 4
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                                                                                                                                                                                                                                                              Sodium channel
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03-OCT-2002
11-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                11-JAN-1999;
                                                                                                                                                                                                                                                                                      Homo sapiens
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              Sequence 10
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                                    Query Match
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Matches
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AAB23572
ID AAB2
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0; Indels

Length 6;

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This sequence represents a fragment of an immunogenic protein (DV17) isolated from adult Dictyocaulis viviparus lungworms and generated by Lys C proteolysis. The protein is useed in an ELISA assay for DV17-specific antibodies and fragments of the protein can be used in vaccines against dictyocauliasis in cattle. (Updated on 27-AVG-2003 to correct OS field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Beta-secretase; enzyme; cleavage site; amyloid protein precursor; APP; aspartyl protease; neuroprotective; nootropic; beta-secretase inhibitor; Alzheimer's disease.
              New Dictyocaulis viviparus lungworm protein (DV17) - used in ELISA assay
for DV17-specific antibodies and in vaccines against dicytocauliasis in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention describes an isolated peptide (I) comprising a sequence of at least four amino acids, where the peptide is a substrate for conducting aspartyl protease assays. (I) has neuroprotective and nootropic activities, and can be used as an inhibitor of beta-secretase activity. A beta-secretase activity in the present invention can be used for inhibiting beta-secretase activity in vivo, and in the manufacture of a medicament for the treatment of Alzhaimer's disease. Pharmaceutical compositions from the present invention can be used for treating a disease or condition characterised by an abnormal beta-secretase activity. (I) is useful for identifying agents that modulate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Novel substrates for human aspartyl protease useful for identifying modulators of beta secretase activity of aspartyl protease for treating
                                                                                                                                                                                                                                                              Score 20; DB 2; Length 7;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Beta-secretase cleavage site peptide SEQ ID NO:11.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gurney ME,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 20; Page 123; 188pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABB06417 standard; peptide; 8 AA.
                                                                                    Claim 2; Page 9; 15pp; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (PHAA ) PHARMACIA & UPJOHN CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19-JUL-2000; 2000US-0219795P.
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2002-216995/27.
                                                                                                                                                                                                                                                                                                                                   1 LDNF 4
                                                                                                                                                                                                                                                                                                                                                                     MDNF 5
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                                                                                                                                                                                                                              Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABB06417;
                                                   cattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Yan R,
                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
ABB06417
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The present invention describes an isolated peptide (I) comprising a sequence of at least four amino acids, where the peptide is a substrate for conducting asparcy! procease assays. (I) has neuroprotective and nootropic activities, and can be used as an inhibitor of beta-secretase activity. A beta-secretase modulator from the present invention can be used for inhibiting beta-secretase activity in vivo, and in the manufacture of a medicament for the treatment of Alzheimer's disease. Pharmaceutical compositions from the present invention can be used for treating a disease or condition characterised by an abnormal beta-secretase activity. (I) is useful for identifying agents that modulate the activity of human Asp2 asparcyl procease (Hu-Asp2). (I) is useful as a core structure to construct derivatives. ABL49914 to ABL4992 and
the activity of human Asp2 aspartyl protease (Hu-Asp2). (I) is useful as a core structure to construct derivatives. ABL49914 to ABL49925 and ABB06409 to ABB06593 represent sequences used in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Beta-secretase; enzyme; cleavage site; amyloid protein precursor; APP; aspartyl protease; neuroprotective; nootropic; beta-secretase inhibitor;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Novel substrates for human aspartyl protease useful for identifying, modulators of beta secretase activity of aspartyl protease for treating Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABB06409 to ABB06593 represent sequences used in the exemplification of the present invention
                                                                                                                                                         Gaps
                                                                                                                                                         ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bienkowski MJ;
                                                                                                                     Score 20; DB 5; Length 8; Pred. No. 1.8e+06; 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 140; 188pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gurney ME,
                                                                                                                                                                                                                                                                                                                ABB06478 standard; peptide; 8 AA.
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                                                                                                                     76.9%;
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12-MAR-2001; 2001US-0275251P.
                                                                                                                                                                                                                                                                                                                                                                                (first entry)
                                                                                                                                                           3; Conservative
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                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                           1 LDNF 4
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                                                                                         Sequence 8 AA;
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Heinrikson RL;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens.
Synthetic.
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Bienkowski MJ;

9

DB 5; Length

76.9%; Score 20;

Query Match

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ABB06471 standard; peptide; 8 AA.
                                             ABB06471;
RESULT 15
         ABB06471
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention describes an isolated peptide (I) comprising a sequence of at least four amino acids, where the peptide is a substrate sequence of at least four amino acids, where the peptide is a substrate for conducting aspartyl protease assays. (I) has neuroprotective and cortropic activities, and can be used as an inhibitor of beta-secretase cutivity. A beta-secretase modulator from the present invention can be used for inhibiting beta-secretase activity in vivo, and in the manufacture of a medicament for the treatment of Alzheimer's disease. CC pharmaceutical compositions from the present invention can be used for treating a disease or condition characterised by an abnormal beta-cortributy of human Amp2 aspartyl protease (Hu-Amp2). (I) is useful as a core structure to construct derivatives. ABI49914 to ABI49925 and ABI806409 to ABB06593 represent sequences used in the exemplification of the present invention
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                                                                                                                                                                                                         Beta-secretase; enzyme; cleavage site; amyloid protein precursor; APP; aspartyl protease; neuroprotective; nootropic; beta-secretase inhibitor;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel substrates for human aspartyl protease useful for identifying modulators of beta secretase activity of aspartyl protease for treating
            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                          Bienkowski MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 76.9%; Score 20; DB 5; Length 8; Best Local Similarity 75.0%; Pred. No. 1.8e+06; Matches 3; Conservative 1; Mismatches 0; Indels
            Indels
 Pred. No. 1.8e+06;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                        Emmons TL,
                                                                                                                                                                                      Beta-secretase related peptide SEQ ID NO:66.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Disclosure; Page 138; 188pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                           Gurney ME,
                                                                                                                  ABB06472 standard; peptide; 8 AA.
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12-MAR-2001; 2001US-0275251P.
 75.0%;
                                                                                                                                                               (first entry)
  Similarity 75.03; Conservative
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Heinrikson RL;
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Synthetic.
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  Best Local
Matches
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                                                                                                       Beta-secretase; enzyme; cleavage site; amyloid protein precursor; APP; aspartyl protease; neuroprotective; nootropic; beta-secretase inhibitor; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Novel substrates for human aspartyl protease useful for identifying modulators of beta secretase activity of aspartyl protease for treating Alzheimer's disease.
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Pred. No. 1.8e+06;
1; Mismatches 0;
                                                          Beta-secretase related peptide SEQ ID NO:65.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Disclosure; Page 138; 188pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gurney ME,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (PHAA ) PHARMACIA & UPJOHN CO.
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12-MAR-2001; 2001US-0275251P.
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75.0%;
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Heinrikson RL;
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Synthetic.
31-MAY-2002
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model September 16, 2005, 11:46:13; Search time 15.6667 Seconds (without alignments) 30.707 Million cell updates/sec Run on:

US-10-795-795-12 26 Title: Perfect score:

1 LDNPS 5 Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

283416 seqs, 96216763 residues Searched:

1102 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 3 Maximum DB seq length: 10

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

PIR 79:\*
1: pir1:\*
2: pir2:\*
3: pir3:\*
4: pir4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	1	Description		calliFMRFamide 12	neurokinin A-relat	neuropeptide Led-C	red pigment-concen	hypertrehalosemic	adipokinetic hormo	adipokinetic hormo	hypertrehalosemic	hypertrehalosemic	neuropeptide M-I -	orf AB protein - S	hypertrehalosemic	hypertrehalosemic	hypertrehalosemic	hypertrehalosemic	neuropeptide Pec-H	pepsin (EC 3.4.23.	~	nitrogenase (EC 1.	Ig heavy chain CRD	_				adipokinetic hormo	capsid protein VP-	hypothetical prote	glucose-6-phosphat
SUMMAKIES		ΙD	B44787	C44787	S27178	A44960	A61348	S08995	A49823	A28004	A43976	B43976	A05169	\$19523	208997	A60421	866808	A26381	S53789	PN0136	PT0284	S70251	PT0281	A58620	855310	S10596	S15422	A58641	PL0184	PC4131	S11078
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Query Match 69.2%; Score 18; DB 2; Length 10; Best Local Similarity 100.0%; Pred. No. 2.6e+02; Matches 3; Conservative 0; Mismatches 0; Indels

2 DNF 4 |||| 5 DNF 7

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neuropeptide - flo	Ig heavy chain CRD	T-cell receptor be	neurokinin A - chi	mercury resistance	probable glucose-6	neurotoxin-associa	neuropeptide FFRFa	ranatachykinin B -	protein D - Escher	hypothetical prote	<ul> <li>neuropeptide GNFFR</li> </ul>	opacity protein P.	opacity protein P.
\$21663	A14683 PT0315	2 PT0562	S10784 JN0024	2 A47593	2 S18396	2 E44644	2 A58365	2 B61033	2 A41890	2 D41654	2 A43129	2 S16364	2 S16365
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30	32	33	34 4 7	900	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

RESULT 1

	B44787 ) B44787 ) Bluebortle flv (Callibhora vomitoria)
	C:Species: Calliphora vomitoria
_	C.Accession: B44787
	Proc. Natl. Acad. Sci. U.S.A. 89, 2326-2330, 1992a.
	A;IIIIe: Isolation, -structure, and sctivity of the contraction of the
	A; Accession: B44787
	A.StGatus: preliminary A.Molecule tvoe: protein
	A;Residues: 1-7 <duv></duv>
	A;Cross-rererences: UNIPMO1: 41856 C;Keywords: amidated carboxyl end; neuropeptide
	F;7/Modified site: amidated carboxyl end (Fne) #status experimental
•	Query Match 69.2%; Score 18; DB 2; Length 7; Best Local Similarity 100.0%; Pred. No. 2.8e+05; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
	Oy 2 DNF 4
-	Db 2 DNF 4
-	RESULT 2
	C44787
	callifmRFamide 12 - bluebottle fly (Calliphora vomitoria)
	C;596ctes: Calliphora Vountoira C;nate: 30-Sep-1993 #sequence revision 30-Sep-1993 #text change 09-Jul-2004
_	C;Accession: C44787
	R; Duve, H; Johnsen, A.H; Sewell, J.C.; Scott, A.G.; Orchard, I:; Rehfeld, J.F.; Inorpe
	Proc. Natl. Acad. SCI. U.S.A. 97, 2120-2350, 1925. A:Title: Isolation, Structure, and activity of -Phe-Met-Arg-Phe-NH-2 neuropeptides (desi
_	A; Reference number: A41978; MUID:92196111; PMID:1549595
	AAACeesion: G44787
	A; Molecule type: protein
	A;Residues: 1-10 <duv> A;Cross-references: UNIPROT:P41867</duv>
	C;Keywords: amidated carboxyl end; neuropeptide p:10/Mcd:fiod aite: amidated carboxyl end (Phe) #status experimental
	Fild/Modified Bite: aminated carbony; did (inc) forced offer-

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61.5%; Score 16;
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A; Accession: S07139
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C.Species: Pandalus borealis (northern shrimp)
R.Fernlund, P.; Josefsson, L.
Schence 177, 113-115, 137-
A.Title: Crustacean color-change hormone: amino acid sequence and chemical synthesis.
A.Reference number: A61348; MUID:7228738; PMID:5041363
A.Recession: A61348
A.Molecule type: protein
A.Molecule type: protein
A.Molecule type: PERRI>
A.Gross references: UNIPROT:P08939
R.Fernlund, P.
Blochim. Biophys. Acta 371, 304-311, 1974
                                                                                                                                                                                   C;Accession: S27178
R;Wang, Y.; Badgery-Parker, T.; Lovas, S.; Chartrel, N.; Vaudry, H.; Burcher, E.; Conlon B;Ochem. J. 287, 827-832, 1992
A;Title: Primary structure and receptor-binding properties of a neurokinin A-related pep A;Reference number: S27178; WUID:93075037; PMID:1332683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    neuropeptide Led-CC-I - Colorado potato beetle
C;Species: Leptinocarsa decemlineata (Colorado potato beetle)
C;Date: 30-Sep-1993 #sequence_revision 30-Sep-1993 #text_change 09-Jul-2004
C;Accession: A44960
R;Gaede, G.; Kellner, R.
Peptides 10, 1287-1289, 1989
A;Title: The metabolic neuropeptides of the corpus cardiacum from the potato beetle and A;Reference number: A44960, MUID:90160053; PMID:2576128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 A; Molecule type: protein
A; Residues: 1-8 <GAE>
A; Cross-references: UNIPROT: P04548
C; Cross-ramily: adipokinetic hormone
C; Superfamily: adipokinetic hormone
C; Keywords: blocked carboxyl end; corpora cardiaca; hormone; neuropeptide; pyroglutamic
F; I/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental
F; 8/Modified site: blocked carboxyl end (Trp) (probably amidated) #status experimental
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                                                                                       neurokinin A-related peptide - laughing frog
C,Species: Rana ridibunda (laughing frog)
C,Date: 19-Mar-1997 #sequence_revision 19-Mar-1997 #text_change 16-Aug-2004
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                                                                                                                                                                                                                                                                                                                                                                            A;Status: preliminary
A;Molecule type: protein
A;Molecule type: protein
A;Cross-references: UNIPROT:P2913S
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A; Molecule type: protein

A; Residues: 'E',2-8 <FRES.

A; Note: 'E',2-
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R.Gaede, G.; Rinebart, K.L.
Biol. Chem. Hoppe-Seyler 371, 345-354, 1990
A.Filtle: Primary structures of hypertrehalosaemic neuropeptides isolated from the corport entalis and of the stick insect Extatosoma tiaratum assigned by tandem fast atom bombardh A.Reference number: S08995; MuID:90253659; PMID:2340112
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A;Title: Isolation and primary structure of two peptides with cardioacceleratory and hype A;Reference number: A49823; MUID:84298179; PMID:6591205
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A;Residues: 1-8 <GAE>
A;Cross-references: UNIFROT:P04548
A;Note: the amino-terminal residue forms pyrrolidone carboxylic acid; therefore, we have
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C;Species: Periplaneta americana (American cockroach)
C;Date: 03-May-1994 #sequence_revision 03-May-1994 #text_change 09-Jul-2004
C;Accession: A49823
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C;Species: Blatta orientalis (oriental cockroach)
C;Date: 30-Jun-1992 #sequence_revision 24-Oct-1997 #text_change 09-Jul-2004
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Reference number: S07139; MUID:75054965; PMID:4433569

    oriental cockroach

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Matches 3; Conservative
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Length

DB 2;

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Peptides 11, 455-459, 1990
A,Title: The primary structure of the hypertrehalosemic neuropeptide from tenebrionid becaptitle: The primary structure of the hypertrehalosemic neuropeptide from tenebrionid becaption and the structure of MID:90341081; PMID:2381871
A,Rocession: B43976
A,Rocession: B43976
A,Rocession: CARE>
A,Rocession: PROPER CARE>
A,Cross-references: UNIPROT:P25419
C,Superfamily: adjookinetic hormone
C,Superfamily: adjookinetic hormone
C,Keywords: amidated carboxyl end; corpora cardiaca; hormone; neuropeptide; pyroglutamic
F;R/Modified site: amidated carboxyl end (Trp) #status experimental
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R;Witten, J.L.; Schaffer, M.H.; O'Shea, M.; Cook, J.C.; Hemling, M.E.; Rinehart Jr., K.L. Blochem. Blophys. Res. Commun. 124, 350-358, 1984
A;Title: Structures of two cockroach neuropeptides assigned by fast atom bombardment mass. A;Reference number: A90118; MUID:85046530; PMID:6548628
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J. Mol. Biol. 222, 465-477, 1991
A;Title: Programmed translational frameshifting and initiation at an AUU codon in gene
A;Reference number: S19523; MUID:92085268; PMID:1660923
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C.Species: Shigella dysenteriae
C.Date: 19-Mar-1997 #sequence_revision 19-Mar-1997 #text_change 09-Jul-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     neuropeptide M-I - American cockroach
C;Species: Periplaneta americana (American cockroach)
C;Date: 05-Jun-1987 #sequence_revision 05-Jun-1987 #text_change 09-Jul-2004
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ilarity 100.0%; Pred. No. 2.8e+05;
Conservative 0; Mismatches 0;
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ilarity 100.0%;
Conservative 0
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C;Species: Tenebric molitor (yellow mealworm)
C;Date: 03-Reb-1993 #sequence_revision 03-Feb-1993 #text_change 09-Jul-2004
C;Accession: A43976
R;Gaede, G.; Rosinski, G
Peptides 11, 455-459, 1990
A;Title: The primary structure of the hypertrehalosemic neuropeptide from tenebrionid be A;Reference number: A43976; MUID:90341081; PMID:2381871
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C;Superfamily: adipokinetic hormone
C;Superfamily: adipokinetic hormone
C;Keywords: amidated carboxyl end; corpora cardiaca; hormone; neuropeptide; pyroglutamic
F;1/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental
F;8/Modified site: amidated carboxyl end (Trp) #status experimental
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A;Cross-references: UNTROT:P14086
A;Cross-references: UNTROT:P14086
A;Note: the amino-terminal residue forms pyrrolidone carboxylic acid; therefore, we have C;Superfamily: adipokinetic hormone
C;Superfamily: adipokinetic hormone
C;Reywords: amidated carboxyl end; corpora cardiaca; hormone; neuropeptide; pyroglutamid
P;I/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental
F;8/Modified site: amidated carboxyl end (Trp) #status experimental
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adipokinetic hormone G - two-spotted cricket
NiAlternate names: AKH-G
NiAlternate names: AKH-G
Cipte: 30-Jun-1989 #sequence_revision 24-Oct-1997 #text_change 09-Jul-2004
Cipte: 30-Jun-19804
Rigaede, G.; Rinehart, K.L.
Biochas Biophas Commun. 149, 908-914, 1987
A;Title: Primary sequence analysis by fast atom bombardment mass spectrometry of a pepti
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hypertrehalosemic hormone - beetle (Zophobas rugipes)
C;Species: Zophobas rugipes
C;Species: Zophobas rugipes
C;Species: SPeb-1993 #sequence_revision 03-Feb-1993 #text_change 09-Jul-2004
C;Accession: B43976
R;Gaede, G.; Rosinski, G.
                                      Gaps
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             100.0%; Pred. No. 2.8e+05; ive 0; Mismatches 0;
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Best Local Similarity 100.
Matches 3; Conservative
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Best Local Similarity
Matches 3; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A; Molecule type: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ເດ
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                                                                                           3 NPS 5
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                Best Local
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A, Title: Primary structures of hypertrehalosaemic neuropeptides isolated from the corpore entalis and of the stick insect Extatosoma tiaratum assigned by tandem fast atom bombardh A, Reference number: S08995; MUID:90253659; PMID:2340112
A, Accession: S08998
A, Molecule type: protein
A, Residues: 1-10 GABS
A, MOLECULE type: Drotein
A, Residues: 1-10 GABS
C, Superfamily: adipokinetic hormone
C, Reywords: amidated carboxyl end; hormone; neuropeptide; pyroglutamic acid
C, Superfamily: adipokinetic anidated carboxylic acid (Gln) #status experimental
F;10/Modified site: amidated carboxyl end (Thr) #status experimental
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 NFS 5
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A60421

hypertrate language in the man cockroach
NyAlternate names: Bld-HrTH
CjSpecies: Blattella germanica (German cockroach)
CjDate: 03-Feb-1993 #sequence_revision 03-Feb-1993 #text_change 09-Jul-2004
CjAccession: A60421; S09137
Rytenstrate, J.A.; Camps, F.
Rytenstrate, J.A.; Camps, F.
AyTitle: Structure of the hypertrehalosemic neuropeptide of the German cockroach, Blatte
AyReference number: A60421; MUID:91179584; PMID:2080017
AyReference number: A60421
AyMolecule type: protein
AyReference submart, KL.
AyReference: UNIPROT:P10939
Rycaes: 1-10 <VEB-
AyCross-references: UNIPROT:P10939
Rycaes: 1-10 <VEB-
AyTitle: Primary structures of hypertrehalosaemic neuropeptides isolated from the corpor entals and of the stick insect Extatosoma tiaratum assigned by tandem fast atom bombard
AyReference number: S08995; MUID:90253659; PMID:2340112
AyMolecule type: Protein
AyReference number: S08995; MUID:90253659; PMID:2340112
AyMolecule type: Protein
AyReference number: S08995; MUID:90253659; PMID:2340112
AyRocassion: S09137
AyMolecule type: Protein
AyResidues: 1-10 <ARC
C;Superfamily: adipokinetic hormone
C;Keywords: amidated carboxyl end; hormone; neuropeptide; pyroglutamic acid
F;1/Modified site: pyrrolidone carboxyl end (Thr) #status experimental
          hypertrehalosemic neuropeptide Bld-HrTH - cockroach (Gromphadorina portentosa)
hypertrehalosemic neuropeptide Bld-HrTH - cockroach (Gromphadorina portentosa
C;Species: Gromphadorina portentosa
C;Date: 30-Jun-1992 #sequence_revision 14-Sep-1994 #text_change 09-Jul-2004
C;Accession: S08997
R;Gaede, G.; Rinchart, K.L.
Biol. Chem. Hoppe-Seyler 371, 345-354, 1990
A;Title: Primary structures of hypertrehalosaemic neuropeptides isolated from the corpor entalls and of the stick insect Extatosoma tiaratum assigned by tandem fast atom bombard A;Accession: S08995; MUD:90253659; PMID:2340112
A;Reference number: S08995
A;Residues: 1-10 cQAE.
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C; Superfamily: adipokinetic hormone
C; Superfamily: anidated carboxyl end; hormone; neuropeptide; pyroglutamic acid
C; Reywords: amidated carboxyl end; hormone; neuropeptide; pyroglutamic acid
F; 1, Modified site: pyrrolidone carboxylic acid (In) #status experimental
F; 10, Modified site: amidated carboxyl end (Inr) #status experimental
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hypertrehalosemic neuropeptide Bld-HrTH - Madeira cockroach

c.Specises: Leucophaea maderae (Madeira cockroach)

c.Pate: 30-Jun-1992 #sequence_revision 14-Sep-1994 #text_change 09-Jul-2004

c.Pacession: S08988

R.G.G., Rinahart, K.L.

Biol. Chem. Hoppe-Seyler 371, 345-354, 1990
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100.0%; Pred. No. 7.8e+02;
iive 0; Mismatches 0;
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Matches 3; Conservative
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Gaps ö Length 10; 0; Indels DB 2; Le 7.8e+02; Query Match 61.5%; Score 16; DB Best Local Similarity 100.0%; Pred. No. 7.8 Matches 3; Conservative 0; Mismatches

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Search completed: September 16, 2005, 11:58:33 Job time : 15.6667 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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OM protein - protein search, using sw model

September 16, 2005, 11:46:13; Search time 31.3333 Seconds (without alignments) 30.707 Million cell updates/sec Run on:

US-10-795-795-6 55 1 WEYFIAAEEV 10 Title: Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

283416 seqs, 96216763 residues Searched: 1102 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 3 Maximum DB seq length: 10

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

PIR 79:\*
1: pir1:\*
2: pir2:\*
3: pir3:\*
4: pir4:\* Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

	Description	Vesicle associated	Ig heavy chain CRD	neuropeptide Grb-A	blood cell protein	cell surface adhes	١	gonadoliberin - sh	н		aldehyde ferredoxi	Ig heavy chain CRD	alcohol dehydrogen	dihydrofolate redu	dihydrofolate redu	-	variant surface gl	3	MHC class I histoc	gene c-mpl protein	hypotrehalosemic h	beta-galactosidase	DNA polymerase - y	T-cell receptor ga	rec		1 (EC 3.4.	T-cell receptor be	ū	amine oxidase (cop
SUMMAKIES	. OI	A59495	PT0299	D57444	S68325	A43848	RHPGG	RHSHG	RHAQ1	A21114	A40753	PT0308	866195	A31263	B31263	B35640	C61512	D61512	A59028	158350	B33995	S59625	863696	E49033	F49033	C60070	839392	PT0215	568033	A38081
	DB	7	0	7	0	7	Н	н	Н	0	0	~	8	7	0	N	0	0	~	N	7	7	~	0	0	0	7	N	7	7
	Length	8	6	6	80	σ	10	10	10	10	10	S	9	9	9	9	œ	80	80	σ	10	10	10	10	10	9	10	10	10	7
٠	Query Match	36.4	36.4	36.4	34.5	32.7	32.7	32.7	32.7	32.7	30.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	27.3	27.3	27.3	27.3	25.5
	Score	70	20	20	19	18	18	18	18	18	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	14
	Result No.	-	8	m	4	Ŋ	9	7	۵	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	29

glucose isomerase fibrinogen beta ch endosperm protein,	neuromedin K – pig Ig heavy chain CRD T-cell receptor be	T-cell receptor be 18K protein 5507 - Na+-transporting A	sex pheromone cAM3 serum albumin – do T-cell receptor ga	homeoric protein U locueramyoinhibiti translation elonga quinoline 2-oxidor
S17976 D24180 S70332	SPPGNK PT0278 PT0580	PT0519 PS0254 S45648	A25269 B45800 A38887	B27867 AKLQIM D58503 S66608
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25.5 25.5 25.5	23.6 23.6 23.6	23.6 23.6 23.6	23.6 23.6 23.6	23.6 23.6 23.6
4 4 4	4 6 6	13 13	13	ត្តត្តត្ត.
30 31 32.	) W W W	334 38	39 41 41	4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5

## ALIGNMENTS

RESULT 1

Vesicle associated membrane protein - Mus musculus C;Species: Mus musculus C;Date: 04-Apr-2004 #sequence\_revision 04-Apr-2004 #text\_change 04-Apr-2004

Cinconsidering A59495
Ribrahmaraju, M.; Shoeb, M.; Laloraya, M.; Kumar, P.
Ribescription: Spatio-temporal organization of Vam6P and SNAP on mouse spermatozoa and the A; Reference number: A59495
A; Accession: A59495
A; Atatus: preliminary
A; Residues: 1-8 «KUM»

A;Experimental source: strain Swiss A;Note: Soluble N-ethylmaleimide-sensitive factor-attachment protein receptor (SNARE) protein Soluble N-ethylmaleimide-sensitive factor-attachment proteins present on vesicle and trafficking through the formation of complexes between proteins present on vesicle and t

Gaps ö Query Match

36.4%; Score 20; DB 2; Length 8;
Best Local Similarity 42.9%; Pred. No. 2.8e+05;
Matches 3; Conservative 2; Mismatches 2; Indels

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1 WEYFIAA 7 | :: | 2 WEEWLLA ઠે 셤

CjSpecies: Homo sapiens (man)
CjSpecies: Homo sapiens (man)
CjSpecies: Homo sapiens (man)
CjSpecies: Homo sapiens (man)
CjSpecies: 30-Sep-1993 #sequence\_revision 30-Sep-1993 #text\_change 16-Aug-1996
CjAccesaion: Pr0299
Ajrita: Preferential utilization of specific immunoglobulin heavy chain diversity and jcAccession: Pr022; MUID:91108337; PMID:1899102
Ajrita: Preferential utilization of specific immunoglobulin heavy chain diversity and jcArcession: Pr0299
Ajrolecule type: DNA
Ajresidues: 1-9 <YAM>
Ajresidues: heterotetramer; immunoglobulin

Gaps ö Ouery Match 36.4%; Score 20; DB 2; Length 9; Best Local Similarity 66.7%; Pred. No. 2.8e+05; Matches 2; Conservative 1; Mismatches 0; Indels

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1 WEY 3 셤 ઠે

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Gradoliberin - pig

Gradoliberin - big

Rratuo, H.; Schally, A.V.

Rrecession: Advall

A; Reference number: A90172; MUID:72114303; PMID:4946067

A; Recession: A01411

A; Rederence number: A90172; MUID:72114303; PMID:4946067

A; Recession: A01411

A; Rederence number: A.; Nair, R.M.G.; Schally, A.V.

Biochem. Biophys. Res. Commun. 45, 822-827, 1971

A; Title: Syntheric and natural hormones have the same physicochemical and biological I R; Baba, Y.; Arimura, A.; Schally, A.V.

Biochem. Biophys. Res. Commun. 45, 483-487, 1971

A; Reference number: A90175; MUID:7211544; PMID:4946275

A; Contents: annotation; synthesis

A; Contents: annotation of the procrime LH and FSH-releasing hormone. A; Reference number: A90175; MUID:7211544; PMID:4946275

A; Contents: annotation

A; Note: Trp-3 appears to be essential for biological activity

G; Comment: This hypothalamic hormone stimulates the secretion of both luteinizing and fol C; Superfamily: gonadoliberin

G; Reywords: amidated carboxyll end; hormone, hypothalamus; pyroglutamic acid

F; 10/Modified site: amidated carboxyl end (Glu) #status experimental
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Angelian - sheep
Cispecies: Ovis orientalis aries, Ovis ammon aries (domestic sheep)
Cispecies: Ovis orientalis aries, Ovis ammon aries (domestic sheep)
Cibate: 31-Dec-1991 #sequence_revision 31-Dec-1991 #text_change 18-Mar-1997
Cibate: 31-Dec-1991 #sequence_revision 31-Dec-1991 #text_change 18-Mar-1997
Cibate: 31-Dec-1991 #sequence_revision 31-Dec-1991 #text_change 18-Mar-1997
Riburgus, R.; Butcher, M.; Amoss, M.; Ling, N.; Monahan, M.; Rivier, J.; Fellows, R.; Bl?
Proc. Natl. Acad. Sci. U.S.A. 69, 278-282, 1972
A;Title: Primary structure of the ovine hypothalamic luteinizing hormone-releasing facton
A;Reference number: A93780
A;Reference number: A93780
A;Reference number: A93780
A;Rolecule type: proctein
A;Residues: 1-10 cBUR>
A;Residues: 1-10 cBUR>
A;Rocte: the natural and synthetic hormone stimulates the secretion of both luteinizing and fol C;Superfamily: gonadoliberin
C;Superfamily: gonadoliberin
C;Reywords: amidated carboxyl end; hormone; hypothalamus; pyroglutamic acid
C;Reywords: amidated carboxyl end; hormone; hypothalamus experimental
F;10/Modified site: pyrrolidone carboxyl end (Gly) #status experimental
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 66.7
Matches 2; Conservative
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2 WTGWLAA 8
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DS7444

neuropeptide Grb-AST B4 - two-spotted cricket
c;Species: Gryllus bimaculatus (two-spotted cricket)
C;Species: Gryllus bimaculatus (two-spotted cricket)
C;Date: 26-Jan-1996 #sequence_revision 26-Jan-1996 #text_change 09-Jul-2004
C;Accession: D5744
R;Lorenz, M.W.; Kellner, R.; Hoffmann, K.H.
J. Biol. Chem. 270, 21103-21108, 1995
A;Title: A family of neuropeptides that inhibit juvenile hormone biosynthesis in the cri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  품
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Cybeces: Ascidia ceratodes
Cybecesion: S68325
Rytaylor, S.W.; Ross, M.M.; Waite, J.H.
Arch. Biochem. Biophys. 324, 228-240, 1995
Ayritle: Novel 3.4-di- and 3.4.5-trihydroxyphenylalanine-containing polypeptides from the Aracession: S68325; MUID:96132650; PMID:8554314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A;Molecule type: protein
A;Residues: 1-8 <TAY>
A;Cross-references: UNIPROT:Q7M3L7
F;2,3,4/Modified site: 3',4',5'-trihydroxyphenylalanine (Tyr) #status experimental
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Cell surface adhesin for heparan sulfate, 66K - Staphylococcus aureus (fragment)

Cj. Species: Staphylococcus aureus
Cj. Species: Staphylococcus aureus
Cj. Date: 10-Mar-1993 #sequence_revision 18-Nov-1994 #text_change 09-Jul-2004
Cj. Accession: A43848

R;Liang, O.D.; Ascencio, F.; Fransson, L.A.; Wadstrom, T.
Infect. Immun. 60, 899-906, 1992
A;Title: Binding of heparan sulfate to Staphylococcus aureus.
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A;Molecule type: protein
A;Residues: 1-9 <IIA-
A;Cross-references: UNIPROT:Q9R5M1
A;Note: sequence extracted from NCBI backbone (NCBIP:85442)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   S68125
blood cell protein A8 - Ascidia ceratodes (fragment)
N;Alternate names: Abcp-A
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Best Local Similarity
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A; Status: preliminary
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Ig heavy chain CRD3 region (clone 6-88) - human (fragment)
C; Species: Homo sapiens (man)
C; Species: Homo sapiens (man)
C; Species: Homo sapiens (man)
C; Species: 30-Sep-1993 #sequence_revision 30-Sep-1993 #text_change 16-Aug-1996
C; Accession: Pr0308
B; Yamada, M; Wasserman, R.; Reichard, B.A.; Shane, S.; Caton, A.J.; Rovera, G.
J. Exp. Med. 173, 395-407, 1991
A; Fitle: Preferential utilization of specific immunoglobulin heavy chain diversity and jc
A; Reference number: Pr0222; MuID:91108337; PMID:1899102
A; Reference number: Pr0308
A; Rolecule type: DNA
A; Residues: 1-5 < VAM>A; Residues: 1-5 < VAM>A; Residues: i-5 < VAM>A; Residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 alcohol dehydrogenase (EC 1.1.1.1) class III low affinity form - cod (Gadus sp.) (fragmer
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A;Title: Multiplicity of N-terminal structures of medium-chain alcohol dehydrogenases. Me
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A;Reaidues: 1-6 <HJE>
C;Superfamily: alcohol dehydrogenase; long-chain alcohol dehydrogenase homology
C;Keywords: alcohol metabolism; NAD; oxidoreductase
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C;Date: 19-Mar-1997 #sequence_revision 29-Aug-1997 #text_change 12-Jun-1998
C;Accession: S66195
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    Score 17; DB 2; Length 10;
Pred. No. 3.4e+03;
0; Mismatches 2; Indels
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29.1%; Score 16; DB 2; Le
Best Local Similarity 100.0%; Pred. No. 2.8e+05;
Matches 2; Conservative 0; Mismatches 0;
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30.9%;
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                                                                                                   3; Conservative
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Best Local Similarity
Matches 2; Conserv
         Query Match
Best Local Similarity
Matches 3; Conser
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                                                      NiAlternate names: gonadotropin-releasing hormone I
C;Species: Alligator mississippiensis (American alligator)
C;Date: 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change 09-Jul-2004
C;Accession: A60066
R;Lovejoy, D.A.; Fischer, W.H.; Parker, D.B.; MCRory, J.B.; Park, M.; Lance, V.; Swanson Regul. Pept. 33, 105-116, 1991
A;Title: Primary structure of two forms of gonadotropin-releasing hormone from brains of A;Reference number: A60066, MUID:91352338; PMID:1882082
A;Molecula rumo
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N;Alternate names: glyceraldehyde:ferredoxin oxidoreductase; red tungsten protein (RTP)
C;Species: Pyrococcus furiosus
C;Species: 21-Apr-1992 #sequence_revision 21-Apr-1992 #text_change 09-Jul-2004
C;Accession: A40753
R;Mukund, S.; Adams, M.W.W.
X;Mahan, M.W.W.
A;Aitie: The novel tungsten-iron-sulfur protein of the hyperthermophilic archaebacterium
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A;Roesidues: 1-10 <-LOV>
A;Roesidues: 1-10 <-LOV>
A;Cross-references: UNIPROT: P37041
C;Superfamily: gonadoliberin
C;Keywords: amidated carboxyl end; hormone; hypothalamus; pyroglutamic acid
E;1/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental
P;10/Modified site: amidated carboxyl end (Gly) #status experimental
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C;Date: 10-Aug-1990 #sequence_revision 10-Aug-1990 #text_change 09-Jul-2004
C;Accession: A21114
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R;Sherwood, N.; Biden, L.; Brownstein, M.; Spiess, J.; Rivier, J.; Vale, W. Proc. Natl. Acad. Sci. U.S.A. 80, 2794-2798, 1983
A;Title: Characterization of a teleost gonadotropin-releasing hormone.
A;Reference number: A21114; MUID:83195140; PMID:6341999
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A;Molecule type: protein
A;Residues: 1-10 <MUX>
A;Cross-references: UNDRACT:Q7M530
C;Keywords: iron-sulfur protein; oxidoreductase; tungsten
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0; Mismatches
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Matches 2; Conservative
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Matches 2; Conservative
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A21114
gonadoliberin - chum salmon
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A;Molecule type: protein
A;Residues: 1-10 <SHE>
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RESULT 15
B13540
cereballar degeneration-related protein - mouse (fragment)
C;Species: Mus musculus (house mouse)
C;Date: 28-Sep-1990 #sequence_revision 28-Sep-1990 #text_change 24-Jun-1993
C;Date: 28-Sep-1990 #sequence_revision 28-Sep-1990 #text_change 24-Jun-1993
C;Accession: B35640
R;Chen, Y.T.; Rettig, W.J.; Yenamandra, A.K.; Kozak, C.A.; Chaganti, R.S.K.; Posner, J.B Proc. Natl. Acad. Sci. U.S.A. 87, 3077-3081, 1990
A;Title: Cereballar degeneration-related antigen: a highly conserved neuroectodermal max A;Reference number: A35640; MUID:90222173; PMID:2326268
                                                                                                                                                                                                                                                                                                                                                       RESULT 14

dlydrofolate reductase (EC 1.5.1.3) / thymidylate synthase (EC 2.1.1.45) - Plasmodium f
C;8pecies: Plasmodium falciparum
C;0pate: 28-Feb-1990 #sequence_revision 28-Feb-1990 #text_change 20-Mar-1996
C;Date: 28-Feb-1990 #sequence_revision 28-Feb-1990 #text_change 20-Mar-1996
C;Accession: B31263
R;Peterson, D.S.; Walliker, D.; Wellems, T.E.
Proc. Natl. Acad. Sci. U.S.A. 85, 9114-9118, 1988
A;Title: Evidence that a point mutation in dihydrofolate reductase-thymidylate synthase
A;Reference number: A94217; MUID:89057886; PMID:2904149
A;Accession: B31263
A;Accession: Compared with conceptual translation
A;Molecule type: DNA
A;Residues: 1-6 <PET>
C;Keywords: methyltransferase; NADP; oxidoreductase
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A;Residues: 1-6 <PET>
C;Keywords: methyltransferase; NADP; oxidoreductase
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[1] -
SEQUENCE.
MEDLINE=95403341; PubMed=7673141; DOI=10.1074/jbc.270.36.21103;
Lorenz M.W., Keliner R., Hoffmann K.H.;
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                                                    September 16, 2005, 11:45:28; Search time 148 Seconds (without alignments) 34.600 Million cell updates/sec
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Copyright (c) 1993 - 2005 Compugen Ltd.
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neurospora plasmodium sus scrofa alteromonas aeromonas aeromonas aerinobacte neisseria g photobacter pseudomonas brachydanio litoria rub triticum ae				tomi; ; Mus.	gpermatozoa	r ,.	. e	•	0, Сарв					; ••••••••••••••••••••••••••••••••••••	
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RESULT 3 Q7M3L7

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Xenopus laevis (African clawed frog).
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Amphibia, Batrachia, Anura, Mesobatrachia, Pipoidea, Pipidae,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE FROM N.A.
MEDLINE=97202105; PubMed=9049632;
Steelman S., Moskow J.J., Muzynski K., North C., Druck T.,
Montgomery J.C., Huebner K., Daar I.O., Buchberg A.M.;
"Identification of a conserved family of Meisl-related homeobox
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-WAY-2000 (TrEMBLrel. 13, Created)
U-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-UTN-2003 (TrEMBLrel. 24, Last annotation update)
66 kDa cell surface adhesin for heparan sulfate (Fragment).
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PIR; A43848; A43848.
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Bacteria, Firmicutes; Bacillales; Staphylococcus
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EMBL; U68389; AAB19199.1; -.
TRANSFAC; T03410; -.
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"A family of neuropeptides that inhibit juvenile hormone biosynthesis in the cricket, Gryllus bimaculatus."; J. Biol. Chem. 270:21103-21108(1995). PIR; D57444; D57444. SEQUENCE 9 AA; 1175 MW; 3860B871E9D40B03 CRC64;
                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Taylor S.W., Ross M.M., Waite J.H.; "Novel 3,4-di- and 3,4,5-trihydroxyphenylalanine-containing polypeptides from the blood cells of the ascidians Ascidia ceratodes
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Phlebobranchia, Ascidiidae, Ascidia
NCBI_TaxID=30276;
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MEDLINE=96132650; PubMed=85543<u>14;</u> DOI=10.1006/abbi.1995.0035;
                                                                                                                                                                                                                           1; Indels
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                                                                                                                                                                        Length 9;
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Submitted (DBC-2203) to the EMBL/GenBank/DDBJ databases.
EMBL, AB127583; BAD14939.1; --
GO; GO:0004872; F:receptor activity; IEA.
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01-MAR-2004 (TrEMBLrel. 26, Last sequence update)
01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
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05-JUL-2004 (TrEMBLrel. 27, Last annotation update)
Nuclear receptor RORalpha4 (Fragment).
Name-RORA4;
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Pred. No. 1.6e+06;
0; Mismatches 1;
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50.0%; Pred. No. 1.6e+06;
tive 2; Mismatches 1;
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Arch. Biochem. Biophys. 324:228-240(1995).
PIR; S68325; S68325.
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Best Local Similarity 75.0%;
Matches 3; Conservative
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SEQUENCE
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SEQUENCE
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P20367, P81751;
01-FEB-1991 (Rel. 17, Last sequence update)
01-FEB-1991 (Rel. 17, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Gonadoliberin III (Gonadotropin-releasing hormone III) (GnRH-III) (LH-
                                                                                                                                                                       01-FEB-1991 (Rel. 17, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Gonadoliberin I (Gonadotropin-releasing hormone I) (GnRH-I) (LH-RH I)
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                                                                                                                                                                                                                                                                                        Alligator mississippiensis (American alligator).
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Archosauria, Crocodylidae, Alligatorinae, Alligator.
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MEDLINE=20114351; PubMed=10650929; DOI=10.1210/en.141.2.505;
Carolsfeld J., Powell J.F.F., Park M., Fischer W.H., Craig A.G.,
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PROSITE; PS00473; GNRH; 1.
Amidation; Direct protein sequencing; Hormone; Hypothalamus;
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Pred. No. 2e+04;
0; Mismatches 1; Indels
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284B23D7286B45A3 CRC64;
                                                                                   10 AA.
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                                                                                                              P37041; P20407;
01-FEB-1991 (Rel. 17, Created)
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05-JUL-2004 (Rel. 44, Last ann
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Best Local Similarity 66...
2; Conservative
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Name=GNRH3;
                                                                                      STANDARD;
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                                                                                                                                                                                                                                                                (Luliberin I).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOD_RES
SEQUENCE
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                                                                                            PACCOCCOS OCTANA REPAREMENTAL STATEMENT OCTANA STATEMENT 
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Chang J.P., Rivier J.E., Sherwood N.M.;
"Primary structure and function of three gonadotropin-releasing hormones, including a novel form, from an ancient teleost, herring."; Endocrinology 141:505-512(2000).
-!- FUNCTION: Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii."; Nature 419:512-519(2002).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Carlton J.M., Angiuoli S.V., Suh B.B., Kooij T.W., Pertea M., Silva J.C., Ermolaeva M.D., Allen J.E., Selengut J.D., Koo H.L., Peterson J.D., Pop M., Kosack D.S., Shumway M.F., Biddell S.L., Shallon S.J., van Aken S.E., Riedmiller S.B., Feldblyum T.V., Cho J.K., Quackenbush J., Sedegah M., Shoaibi A., Cummings L.M., Florens L., Yates F.R. III, Raine J.D., Sinden R.E., Harris M.A., Cunningham D.A., Preiser P.R., Bergman L.W., Vaidya A.B., Van Lin L.H., Janse C.J., Waters A.P., Smith H.O., White O.R., Salzberg S.L., Venter J.C., Fraser C.M., Hoffman S.L., Gardner M.J.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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Eukaryota; Alveolata; Apicomplexa; Haemosporida; Plasmodium.
                                                                                                                                                                                                                                                                                                                                                                                       sequencing; Hormone; Hypothalamus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 18; DB 1; Length 10;
Pred. No. 2e+04;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                 carboxylic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 h similarity 100.0%; Pred. No. 1.6e+06; 3; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Glycine amide.
284B3233786B45A3 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             01-MAR-2004 (TrEMBLrel. 26, Created)
01-MAR-2004 (TrEMBLrel. 26, Last sequence update)
01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8 AA; 990 MW; F959DB41B2CEB446 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8 A.A.
                                                                                                                                                                                                                                   -1- SIMILARITY: Belongs to the GnRH family. PIR; A21114; A21114. InterPro; IPR002012; GnRH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRAIN=17XNL;
PubMed=12368865; DOI=10.1038/nature01099;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pyrrolidone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRT;
                                                                                                                                                                                                           -i- SUBCELLULAR LOCATION: Secreted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hypothetical protein (Fragment).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      32.7%;
                                                                                                                                                                                                                                                                                                                                                        PROSITE; PS00473; GNRH; 1.
Amidation; Direct protein se
Pyrrolidone carboxylic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10 AA; 1230 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                      Pfam; PF00446; GnRH; 1.
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                         Q7M3S2
Q7M3S2;
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Q7M3S2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  archaebacterium, Pyrococcus furiosus, is an aldehyde ferredoxin
oxidoreductase. Evidence for its participation in a unique glycolytic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "Molecular characterization of metallo-b-lactamase-producing Acinetobacter baumannii and Acinetobacter genomospecies 3 from Korea: identification of two new integrons carrying the bla(VIM-2) gene
                                                                                                                                                                                                                                                                                                         Archaea; Euryarchaeota; Thermococci; Thermococcales; Thermococcaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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MEDLINE=21999242; PubMed=12003980;
Yum U.H., Yi K., Lee H., Yong D., Lee K., Kim J.M., Rossolini G.M.,
Chong Y.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDLINE=91317766; PubMed=1907273;
Mukund S., Adams M.W.W.;
"The novel tungsten-iron-sulfur protein of the hyperthermophilic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Acinetobacter genomosp. 3.
Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales;
Moraxellaceae; Acinetobacter.
NCBI_TaxID=48296;
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01-WAR-2004 (TrEMBLrel. 26, Last annotation update)
Aldehyde ferredoxin oxidoreductase (EC 1.2.7.-) (Fragment).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      01-DEC-2001 (TrEMBLrel. 19, Created)
01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation update)
Quaternary ammonium compound-resistance protein (Fragment).
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Pred. No. 3.1e+04;
2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NON TER 10 10 SEQUENCE 10 AA; 1272 MW; 3E3260D408637448 CRC64;
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Pred. No. 3.1e+04;
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                                                                                             10 AA.
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EMBL; AF369871; AAK54205.1; -.
NON TER 10 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             pathway.";
J. Biol. Chem. 266:14208-14216(1991)
                                                                                                                                                           Created)
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                                                                                                                                                    01-MAR-2004 (TrEMBLrel. 26, 01-MAR-2004 (TrEMBLrel. 26, 01-MAR-2004 (TrEMBLrel. 26,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 60.0 les 3; Conservative
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                                                                                             PRELIMINARY;
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                                                                                                                                                                                                                                                                                      Pyrococcus furiosus.
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Q7M530
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Q93735
ID Q93735
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RESULT 12

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NCBI_TaxID=5691;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae, Trypanosoma.
NCBI_TaxID=5691;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                      SEQUENCE.
MEDLINE-81172836, PubMed-6163983; DOI=10.1016/0166-6851(81)90095-5;
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                                                                                                                                                                                                                                                              Holder A.A., Cross G.A.M.;
"Glycopeptides from variant surface glycoproteins of Trypanosoma brucei. C-terminal location of antigenically cross-reacting carbohydrate moieties.";
Mol. Biochem. Parasitol. 2:135-150(1981).
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"Glycopeptides from variant surface glycoproteins of Trypanosoma brucei. C-terminal location of antigenically cross-reacting carbohydrate moleties.";
Mol. Biochem. Parasitol. 2:135-150(1981).
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Last sequence update)
Last annotation update)
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01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
01-UJN-2003 (TrEMBLrel. 24, Last annotation update)
Cytochrome c oxidase subunit I (Fragment).
                                       01-WAR-2004 (TrEMBLrel. 26, Created)
01-WAR-2004 (TrEMBLrel. 26, Last sequence update)
01-WAR-2004 (TrEMBLrel. 26, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                             8 8 AA; 967 MW; 74033EA1AB187B03 CRC64;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Variant surface glycoprotein MITat 1.4 (Fragment).
                                                                                                           Variant surface glycoprotein MITat 1.6 (Fragment)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Matches 2; Conservative
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PRELIMINARY;
                                                                                                                                     Trypanosoma brucei
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Matches 2; Conser
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01-DEC-2001 (
01-DEC-2001 (
01-JUN-2003 (
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01-MAR-2004
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Q94VC1
ID Q94VC
AC Q94VC
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Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spernatophyta; Magnollophyta; eudicotyledons; core eudicots; asterids;
lamiids; Lamiales; Lamiaceae; Nepetoideae; Ocimeae; Fuerstia.
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PubMed=15019625, DOI=10.1016/j.ympev.2003.08.002;
Paton A., Springate D.A., Sudde S., Otieno D., Grayer R., Harley M.M., Willis F., Simonds M.S.J., Powell M.P., Savolainen V.;
"Phylogeny and evolution of basils and allies (Ocimeae, Labiatae) based on three plastid DNA regions.";
Mol. Phylogenet. Evol. 31:277-299(2004).
EMBL; AJ505427; CAD45547.1; -.
GO; GO:0003735; Fistructural constituent of ribosome; IEA.
Varanus rudicollis (Rough-necked monitor).
Mitochondrion.
Mitochondrion.
Bukaryota, Wetazoa; Chordata; Craniata, Vertebrata; Buteleostomi;
Lepidosauria; Squamata; Scleroglossa; Anguimorpha; Varanidae; Varanus.
MCBI_TaxID=169851;
                                                                                                                                                                                                                                                      Ast J.C.;
"Mitochondrial DNA evidence and evolution in Varanoidea (Squamata).";
"Mitochondrial DNA evidence and evolution in Varanoidea (Squamata).";
Cladistics 17:211-226(2001).
EMBL; AR407521; AAL10116.1; --
GO; GO:0005739; C:mitochondrion; IEA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 8;
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Last annotation update)
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Local Similarity 20.0%; Pred. No. 1.6e+06;
les 1; Conservative 2; Mismatches 2;
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05-JUL-2004 (TrEMBLrel. 27, Le
05-JUL-2004 (TrEMBLrel. 27, Le
Ribosomal protein (Fragment).
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Best Local Similarity 66.7-
Then 2; Conservative
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SEQUENCE PROM N.A.
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NON TER 8
SEQUENCE 8 AA
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Best Local S:
Matches
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Search completed: September 16, 2005, 11:57:40 Job time : 150 secs

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                                                                                                                             September 16, 2005, 11:54:04; Search time 65.3333 Seconds (without alignments) 25.020 Million cell updates/sec
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2: /cgn2 6/ptodata/2/paa/USO6_NEW_COMB.pep:*

3: /cgn2 6/ptodata/2/paa/USO8_NEW_COMB.pep:*

4: /cgn2 6/ptodata/2/paa/USO8_NEW_COMB.pep:*

5: /cgn2 6/ptodata/2/paa/USO8_NEW_COMB.pep:*

7: /cgn2 6/ptodata/2/paa/USO8_NEW_COMB.pep:*

7: /cgn2 6/ptodata/2/paa/USI1_NEW_COMB.pep:*

8: /cgn2 6/ptodata/2/paa/USI1_NEW_COMB.pep:*

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  GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-11-097-912-376
US-11-097-864-372
US-11-097-864-657
US-11-097-864-657
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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US-10-351-641B-1573
US-10-351-641B-1570
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US-11-043-020-9

Sequence 9, Application US/11043020

GENERAL INFORMATION:

APPLICANT: Premack, Brett

APPLICANT: Schall, Thomas

TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF W-PEPTIDES

FILE REFERENCE: 10709/103

CURRENT APPLICATION NUMBER: 056-01-25

PRIOR APPLICATION NUMBER: 066-51-56

PRIOR PILING DATE: 2004-01-26

NUMBER: OF MACH OF 
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APPLICANT: Cheshur, R. APPLICANT: Kast, W.M.
TILLE OF INVENTION: HLA Binding Motifs and Peptides and Their Uses
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Pred. No. 6.9e+05;
1; Mismatches 1;
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GENERAL INFORMATION:
APPLICANT: Grey, H.
APPLICANT: Sette, A.
APPLICANT: Sidney, J.
APPLICANT: Southwood, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 60.0%;
Matches 3; Conservative
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ORGANISM: Artificial Sequence
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NAME/KEY: MOD RES
LOCATION: (6)...(6)
OTHER INFORMATION: D-Met
US-11-043-020-9
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; OTHER INFORMATION: Synthetic Peptide US-10-817-970-4125
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               PRIOR APPLICATION NUMBER: 08/027,746
                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%;
Matches 3; Conservative
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PILE REFERENCE: 2060.0500000

CURRENT APPLICATION NUMBER: US/10/817,970

CURRENT FILING DATE: 2004-04-066

PRIOR PILING DATE: 1997-03-20

PRIOR PILING DATE: 1997-03-20

PRIOR PLING DATE: 1996-03-21

PRIOR PILING DATE: 1996-03-21

PRIOR PELING DATE: 1996-03-23

PRIOR PELING DATE: 1996-03-23

PRIOR PILING DATE: 1996-03-23

PRIOR PILING DATE: 1995-05-26

PRIOR PILING DATE: 1995-05-26

PRIOR PILING DATE: 1994-01-25

PRIOR APPLICATION NUMBER: 08/159,339

PRIOR PILING DATE: 1994-01-25

PRIOR PILING DATE: 1993-10-25

PRIOR PILING DATE: 1993-10-25

PRIOR PILING DATE: 1993-10-26

PRIOR PELING DATE: 1993-12-20

PRIOR PELING DATE: 1993-12-20

PRIOR PELING DATE: 1993-12-01

PRIOR PILING DATE: 1993-03-05

PRIOR PILING DATE: 1993-03-05

PRIOR PILING DATE: 1993-03-05

PRIOR PILING DATE: 1994-12-01

PRIOR PILING DATE: 1994-12-01

PRIOR PILING DATE: 1994-12-01

PRIOR PILING DATE: 1994-12-01

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 14635

SOFTWARE PARESEQ FOR Windows Version 4.0
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APPLICANT: Southwood, S.
APPLICANT: Kubo, R.
APPLICANT: Chesnut, R.
APPLICANT: Kast, W.M.
TITLE OF INVENTION: Hiah Binding Motifs and Peptides and Their Uses
FILE REFERENCE: 2060.0500000
CURRENT APPLICATION NUMBER: US/10/817,970
CURRENT PILING DATE: 1997-03-20
FRIOR FILING DATE: 1996-03-21
FRIOR PILING DATE: 1996-03-21
FRIOR APPLICATION NUMBER: 08/821,739
FRIOR APPLICATION NUMBER: 08/821,913
FRIOR APPLICATION NUMBER: 08/451,913
FRIOR APPLICATION NUMBER: 08/451,913
FRIOR APPLICATION NUMBER: 08/451,913
FRIOR PILING DATE: 1994-01-25
FRIOR PILING DATE: 1994-01-25
FRIOR APPLICATION NUMBER: 08/150,339
FRIOR APPLICATION NUMBER: 08/150,339
FRIOR APPLICATION NUMBER: 08/150,339
FRIOR APPLICATION NUMBER: 08/103,396
FRIOR FILING DATE: 1993-08-06
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Pred. No. 6.9e+05;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%;
Matches 3; Conservative
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Gaps
PRIOR FILING DATE: 1993-03-05
PRIOR PILING DATE: 1992-08-07
PRIOR PILING DATE: 1992-08-07
PRIOR PILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-12-01
SEQ ID NOS: 14635
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4125
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                                                                                                                                                 0; Indels
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Pred. No. 6.9e+05;
1; Mismatches 0; Indels
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US-11-U9/-912-65/
Sequence 657, Application US/11097912
Sequence 657, Application US/11097912
SERNEAL INFORMATION:
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Aya
TITLE OF INVENTION: UNCEPTION IN UNCERTION OF CANCER
TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER
TITLE OF INVENTION UNUBER: US/11/097,912
CURRENT APPLICATION NUMBER: US/11/097,912
CURRENT PILING DATE: 2005-04-01
PRIOR FILING DATE: 2005-04-01
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: RastSEQ for Windows Version 4.0
SEQ ID NO 657
LENGTH: 9
                                                     Sequence 372, Application US/11097912

| Sequence 372, Application US/11097912
| Sequence 372, Application Sequence 372, Applicant Raison, Arthur B.
| APPLICANT: Raison, Mary
| APPLICANT: Raison, Mary
| APPLICANT: Raison, Mary
| APPLICANT: Morrison, Mary
| APPLICANT: Morrison, Margent S.
| APPLICANT: Morrison, Muchan S.
| APPLICANT: Jakobovits, Aya
| TITLE OF INVENTION: USEPTI IN TREATMENT AND DETECTION OF CANCER
| TITLE OF INVENTION: USEPTI IN TREATMENT AND DETECTION OF CANCER
| TITLE OF INVENTION: UNMERR: US/11/097,912
| CURRENT FILING DATE: 2005-04-01
| PRIOR APPLICATION NUMBER: US 10/062,109
| PRIOR APPLICATION NUMBER: US 10/062,109
| PRIOR PILING DATE: 2002-01-31
| PRIOR PILING DATE: 2001-11-07
| NUMBER OF SEQ ID NOS: 765
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 372
| LEMENT: 4
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Best Local Similarity 75.0%; Pred. No. 6.9e+05;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 26, DB 7; Length 9; Pred. No. 6.9e+05; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative
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; ORGANISM: Homo Sapien
US-11-097-912-657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |:||
6 WDYF 9
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                                                   JS-11-097-912-372
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                                                                                                                                                                                                                                                              Sequence 336 July Deptication US/10538066

GENERAL INFORMATION:
APPLICANT: Epimmune Inc.
TITLE OF INVENTION: HIA-AI, -A2, -A3, -A24, -B7, and -B44 Tumor Associated Antigen
TITLE OF INVENTION: Peptides and Compositions
FILE REFERENCE: 2060.015PC06
CURRENT PAPLICATION NUMBER: US/10/538,066
CURRENT FILING DATE: 2005-06-09
FRIOR PAPLICATION NUMBER: US 60/432,017
FRIOR FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 767
SEQ ID NO 336
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 101, Application US/11097912
; Sequence 101, Application US/11097912
; GENERAL INFORMATION:
    APPLICANT: Challita-Eid, Pia M.
    APPLICANT: Raitano, Arthur B.
    APPLICANT: Faris, Mary
    APPLICANT: Hubert, Rene S.
    CURRENT APPLICANT: UNMBER: US/11/097, 912
    CURRENT APPLICANT: UNMBER: US 10/062,109
    PRIOR FILING DATE: 2001-11-07
    NUMBER OF SEQ ID NOS: 765
    SOFTWARE: RastSEQ for Windows Version 4.0
    SSEQ ID NO 101

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                                                           Gaps
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Score 26; DB 6; Length 9;
Pred. No. 6.9e+05;
1; Mismatches 0; Indels
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Pred. No. 6.9e+05;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 26; DB 6; Length 9;
Pred. No. 6.9e+05;
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       Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative
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Best Local Similarity 75...
3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
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; ORGANISM: Homo sapiens
US-10-538-066-336
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WQYF 5
                                                                                                      1 WEYF 4
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US-10-538-066-336
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US-11-097-912-101
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Sequence 4176, Application US/10817970 GENERAL INFORMATION:
APPLICANT: Grey, H.
                         Sequence 657, Application US/11097864
GENERAL INFORMATION:
APPLICANT: Challita-Eid, Pia M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 47.3
Best Local Similarity 75.0
Matches 3; Conservative
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Sidney, J.
Southwood, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Celis, E.
Chesnut, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homo Sapien
US-11-097-864-657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 WEYF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-817-970-4176
          US-11-097-864-657
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APPLICANT:
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RESULT 9
US-11-097-864-101

i Sequence 101, Application US/11097864

j Sequence 101, Application US/11097864

j GENERAL INFORMATION:

j APPLICANT: Challita-Eid, Pia M.

j APPLICANT: Raitano, Arthur B.

j APPLICANT: Faris, Mary

j APPLICANT: Paris, Mary

j APPLICANT: Jakobovits, Aya

j TITLE OF INVENTION: USEFUL IN THE TREATMENT AND DETECTION OF CANCER

j TITLE OF INVENTION: USEFUL IN THE TREATMENT AND DETECTION OF CANCER

j TITLE OF INVENTION NUMBER: US/11/097,864

CURRENT APPLICATION NUMBER: US 10/062,109

PRIOR FILING DATE: 2002-01-31

PRIOR FILING DATE: 2002-01-31

PRIOR FILING DATE: 2002-01-31

PRIOR FILING DATE: 2001-11-07

NUMBER OF SEQ ID NOS: 765

SOFTWARE: FastESQ for Windows Version 4.0

sequence 101, 100

1 Township 10 101
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APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Faris, Mary
APPLICANT: Faris, Mary
APPLICANT: Faris, Mary
APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 161P2F10B
TITLE OF INVENTION: USEFUL N. THE TREATMENT AND DEFECTION OF CANCER
TITLE OF INVENTION: USBFUL N. THE TREATMENT AND DEFECTION OF CANCER
TILLS PRERENCE: 2005-04-01
PRIOR APPLICATION NUMBER: US 10/062,109
PRIOR APPLICATION NUMBER: US 10/062,109
PRIOR APPLICATION NUMBER: US 10/065,480
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 372
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     47.3%; Score 26; DB 7; Length 9; 75.0%; Pred. No. 6.9e+05; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 10
US-11-097-864-372
; Sequence 372, Application US/11097864
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0
Matches 3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , ORGANISM: Homo Sapien
US-11-097-864-101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo Sapien
US-11-097-864-372
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3 WDYF 6
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RESULT 11

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APPLICANT: Maitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Habert, Read.
APPLICANT: Habert, Read.
APPLICANT: Habert, Read.
APPLICANT: Habert, Race S.
APPLICANT: Habert, Race S.
APPLICANT: Habert, Race S.
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 161P2F10B
TITLE OF INVENTION: USBEUL IN THE TREATMENT AND DETECTION OF CANCER
FILE REPERENCE: 511582006205
CURRENT FILING DATE: 2005-04-01
PRIOR APPLICATION NUMBER: US 10/062,109
PRIOR APPLICATION NUMBER: US 10/062,109
PRIOR APPLICATION NUMBER: US 10/065,480
PRIOR APPLICATION NUMBER: US 10/065,480
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 657
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PRIOR APPLICATION NUMBER: 08/621,739

PRIOR FILING DATE: 1997-03-20

PRIOR PLILNG DATE: 1996-03-21

PRIOR PLILNG DATE: 1996-03-21

PRIOR PLILNG DATE: 1996-01-23

PRIOR PLILNG DATE: 1996-01-23

PRIOR PLILNG DATE: 1996-01-23

PRIOR PLILNG DATE: 1996-01-23

PRIOR PLILNG DATE: 1994-01-25

PRIOR PLILNG DATE: 1994-01-25

PRIOR PLILNG DATE: 1993-11-29

PRIOR PLILNG DATE: 1993-11-29

PRIOR PLILNG DATE: 1993-08-06

PRIOR PLILNG DATE: 1993-08-06

PRIOR PLILNG DATE: 1993-08-06

PRIOR PLILNG DATE: 1992-08-07

PRIOR PLILNG DATE: 1992-08-07

PRIOR PPLICATION NUMBER: 08/347,610

PRIOR PLILNG DATE: 1992-08-07

PRIOR PLILNG DATE: 1998-11-07

PRIOR PLILNG DATE: 1998-11-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
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75.0%; Pred. No. 6.9e+05;
Live 1; Mismatches 0;
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RESULT 15
US-10-817-970-4308
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APPLICANT
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    See File Wrapper or PALM.

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TITLE OF INVENTION: HLA Binding Motifs and Peptides and Their Uses
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Pred. No. 1.2e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                Length 10;
                                                                                                                                                                                                                          Query Match 47.3%; Score 26; DB 6; I Best Local Similarity 75.0%; Pred. No. 1.2e+02; Matches 3; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 2060.05000000

CURRENT PELLING DATE: 2060.04.04.06

PRIOR APPLICATION NUMBER: 08/821,739

PRIOR APPLICATION NUMBER: 08/821,739

PRIOR APPLICATION NUMBER: 08/821,739

PRIOR FILING DATE: 1996.03-21

PRIOR FILING DATE: 1996.03-21

PRIOR PELLONG DATE: 1996.03-21

PRIOR PELLONG DATE: 1996.03-23

PRIOR PELLONG DATE: 1996.03-23

PRIOR PELLONG DATE: 1996.03-26

PRIOR PELLONG DATE: 1994.01-25

PRIOR PELLONG DATE: 1994.01-25

PRIOR PELLONG DATE: 1993.03-06

PRIOR PELLONG DATE: 1993.03-06

PRIOR PELLONG DATE: 1993.08-06

PRIOR PELLONG DATE: 1993.03-06

PRIOR PELLONG DATE: 1993.03-06

PRIOR PELLONG DATE: 1993.03-05

PRIOR PELLING DATE: 1993.03-05

PRIOR PELLING DATE: 1993.03-05

PRIOR PELLING DATE: 1994.01-07

PRIOR PELLING DATE: 1994.01-07

PRIOR PELLING DATE: 1994.01-07
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SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4176
LENGTH: 10
                                                                                                                           FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-817-970-4176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic Peptide US-10-817-970-4177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/10817970
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                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 2060.0500000
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Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Celis, E.
Chesnut, R.
                                                                                                                                                                                                                                                                                                                                                              |:||
WQYF 10
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Sequence Application US/10817970

APPLICANT States A.

APPLICANT COLIS.

APPLICANT
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### PRIOR APPLICATION NUMBER: 08/821,739
### PRIOR PILING DATE: 1997-03-20
### PRIOR PILING DATE: 1996-03-21
### PRIOR PILING DATE: 1996-03-25
### PRIOR PILING DATE: 1993-11-29
### PRIOR PILING DATE: 1993-08-06
### PRIOR PILING DATE: 1993-08-06
### PRIOR PILING DATE: 1993-13-05
### PRIOR PILING DATE: 1993-12-01
### PRIOR PILING DATE: 1994-12-01
### PRIOR APPLICATION NUMBER: 08/94/7,610
### PRIOR APPLICATION NUMBER: 08/94-12-01
### PRIOR PILING DATE: 1994-12-01
### PRIOR PILING
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Search completed: September 16, 2005, 12:12:32 Job time : 66.3333 secs

1 WEYF 4 |:|| 7 WQYF 10

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Run on:

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Query
Result
                                                                        September 16, 2005, 11:49:59; Search time 444 Seconds (without alignments) 26.306 Million cell updates/sec
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/cgn2_6/ptodata/1/paa/US106_COMB.pep:*
/cgn2_6/ptodata/1/paa/US107_COMB.pep:*
/cgn2_6/ptodata/1/paa/US109_COMB.pep:*
/cgn2_6/ptodata/1/paa/US109_COMB.pep:*
/cgn2_6/ptodata/1/paa/US100_COMB.pep:*
/cgn2_6/ptodata/1/paa/US100_COMB.pep:*
 GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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ptodata/1/paa/US105_COMB.
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Maximum Match 100%
Listing first 45 summaries
                                                  OM protein - protein search, using sw model
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55
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Maximum DB seq length: 10
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence Sequence	Sequence 5,	Sequence 25,	Sequence 5,	Sequence 454,	Sequence 772,	Seguence 1279	Sequence 1654	Sequence 1658	Sequence 754,	Sequence 772,	Seguence 1276	Sequence 1654		Sequence 78,	Sequence 131	Sequence 1276	Sequence 1273	Sequence 1658	Sequence 78,	Sequence 454,	Sequence 1276	Sequence 127	Sequence 1654	Sequence 105,	Sequence 26,	Sequence 336,	Sequence 180,	Sequence 197,	Sequence 186,	Sequence 187,	Sequence 199,	Sequence 187,		Inhibitor 5
ID	33 US-10-795-795-6 1 PCT-US04-21487A-24																																	ALIGNMENTS	795795 niversity el ( Generation ( US/10/795,79 3-08 ( )'09/911,129B 9
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Result No. Sco	40	m·	4. ռ	<b>10</b> 1	r- œ	o on j	10	12	13	14	16	17	1 E	20	21	2 C	2 5 5	25	27	28	29	3.50	32	33	ህ ሌ ሌ ር	36	37	8 6	3.9 V C	4 4	42	43	44 45		RESULT 1 US-10-795-795 ; Sequence 6, ; GENERAL INF; APPLICANT: APPLICANT: TITLE OF ITTLE OF I

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APPLICANT: Baxter International Inc.
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                                      Query Match 100.0%; Score 55; DB 33; Length 10; Best Local Similarity 100.0%; Pred. No. 0.0075; Matches 10; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                           Sequence 24, Application PC/TUS0421487A
GENERAL INFORMATION:
APPLICANT: Kalafatis, Michael
TITLE OF INVENTION: EXOSITE-DIRECTED THROMBIN INHIBITORS
FILE REFERENCE: CLEV 200023
CURRENT APPLICATION NUMBER: PCT/US04/21487A
CURRENT APPLICATION NUMBER: US 60/502,186
PRIOR APPLICATION NUMBER: US 60/502,186
NUMBER OF SEQ ID NOS: 25
NUMBER OF SEQ ID NOS: 25
SEQ ID NO 24
SEQ ID NO 24
SEQ ID NO 24
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100.0%; Pred. No. 96;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 80.0%; Score 44; DB 1; Length 9; Best Local Similarity 100.0%; Pred. No. 6.4e+06; Matches 9; Conservative 0; Mismatches 0; Indels
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Sequence 5, Application US/10795795

GENERAL INPORMATION:

APPLICANT: Cleveland State University

APPLICANT: Cleveland State University

APPLICANT: Ralafatis, Michael

APPLICANT: Mann, Kenneth G.

TITLE OF INVERTION: Thrombin Generation Inhibitor

FILE REFERENCE: 27433/04004

CURRENT APPLICATION NUMBER: US/10/795,795

CURRENT FILING DATE: 2004-03-08

PRIOR FILING DATE: 2002-03-19

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin version 3.1
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8-10-37-912-105
; Sequence 105, Application US/10937912
; GENERAL INFORMATION:
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                                                                                                                                                                1 WEYFIAAEEV 10
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PCT-US04-21487A-24
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Matches 5; Conser
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US-10-795-795-6
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APPLICANT: Johnson, Richard J
APPLICANT: Maves, Shelley A
TITLE OF INVENTION: PEPTIDES THAT INHIBIT COMPLEMENT ACTIVATION
FILE REFERENCE: TR-667 (BXTR 4017.1)
CURRENT APPLICATION NUMBER: US/10/937,912
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/501,710
PRIOR APPLICATION NUMBER: US 60/501,710
PRIOR FILING DATE: 2003-09-10
NUMBER OF SEQ ID NOS: 121
SEQ ID NO: 121
SEQ ID NO: 105
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                         Length 10;
                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kalatis, Michael
TITLE OF INVENTION: EXOSITE-DIRECTED THROMBIN INHIBITORS
FILE REFERENCE: CLEV 200023
CURRENT APPLICATION NUMBER: 2004-07-01
PRIOR APPLICATION NUMBER: US 60/502,186
PRIOR APPLICATION NUMBER: US 60/502,186
PRIOR PILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.2
SEQ ID NO 25
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Pred. No. 6.4e+06;
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APPLICANT: Ryu, Sung-ho
APPLICANT: Bae, Yoe-Sik
APPLICANT: Bae, Yoe-Sik
APPLICANT: Song, Ji-Young
TITLE OF INVENTION: Immune Modulating Peptides
FILE REFERENCE: AP34977 072944.0167
CURRENT APPLICATION NUMBER: US/10/353,419A
CURRENT FILING DATE: 2003-01-29
PRIOR PILING DATE: 2002-01-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                       Score 27; DB 35;
Pred. No. 1.3e+03;
2; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 25, Application PC/TUS0421487A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 5, Application US/10353419A; GENERAL INFORMATION:
                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                         49.1%;
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Best Local Similarity 60.0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 tyPE: PRT
CORGANISM: Homo sapiens
PCT-US04-21487A-25
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6 WEFFL 10
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TITLE OP INVENTION: INDUCING CELLULAR IMMUNE RESPONSES TO

TITLE OP INVENTION: MAGE2/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
FILE REPERENCE: 018623-014600US
CURRENT APPLICATION NUMBER: US/09/458,298
CURRENT FILING DATE: 1998-112-10
PRIOR FILING DATE: 1998-11-10
PRIOR FILING DATE: 1998-11-10
PRIOR PILING DATE: 1998-11-10
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-03-05
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                                                                                                                                                                                                                                                                        Score 26; DB 29; Length 6;
Pred. No. 6.4e+06;
1; Mismatches 1; Indels
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Immune-modulating peptide
PEATURE:
NAME/KEY: MOD_RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; FEATURE:
; OTHER INFORMATION: Artificial Peptide
US-09-458-298-78
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US-09-458-298-454
; Sequence 454, Application US/09458298
; GENERAL INFORMATION:
; APPLICANT: Epimmune
; APPLICANT: Fikes, John
; APPLICANT: Sette, Alessandro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 7
US-09-458-298-78
; Sequence 78, Application US/09458298
; GENERAL INFORMATION:
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Sette, Alessandro
Sidney, John
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Chesnut, Robert
Celis, Esteban
Keogh, Blissa
                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 60.0
Matches 3; Conservative
                                                                                                                                                       ; LOCATION: 6 _
; OTHER INFORMATION: D-Met
US-10-353-419A-5
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APPLICANT:
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APPLICANT: Southwood, Scott
APPLICANT: Southwood, Scott
APPLICANT: Chesnut, Robert
APPLICANT: Keegh, Elissa
TITLE OF INVENTION: MAGEZ/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
TITLE OF INVENTION: MAGEZ/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
TITLE OF INVENTION: MAGEZ/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
TITLE REPRENCE: 1986-12-10
CURRENT APPLICATION NUMBER: US 09/189,702
PRIOR PILING DATE: 1994-03-04
PRIOR PILING DATE: 1994-03-04
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-06-04
PRIOR FILING DA
                                                                                                       APPLICANT: Kecoph, Elisea

APPLICANT: Kecoph, Elisea

TITLE OF INVENTION: INDUCING CELLULAR IMMUNE RESPONSES TO
TITLE OF INVENTION: MAGEZ! SUSING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
FILE REFERENCE: 018623-014600US
CURRENT APPLICATION NUMBER: US/09/458,298
CURRENT PILIGO DATE: 1998-12-10
PRIOR PELICATION NUMBER: US 09/189,702
PRIOR PILING DATE: 1998-11-10
PRIOR PILING DATE: 1998-11-10
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-10-4
PRIOR APPLICATION NUMBER: US 08/159,184
PRIOR PILING DATE: 1993-00-04
PRIOR PILING DATE: 1993-01-04
PRIOR APPLICATION NUMBER: US 08/073,205
PRIOR PILING DATE: 1993-03-05
NUMBER OF SEQ ID NOS: 2436
SOFTWARE: FRASESE FOR Windows Version 4.0
SEQ ID NO 454
LENGTH: 8

WUNDER DO 454
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47.3%; Score 26; DB 18;
Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
COTHER INFORMATION: Artificial Peptide
US-09-458-298-454
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APPLICANT: Epimmune
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Sette, Alessandro
Sidney, John
Southwood, Scott
Chesnut, Robert
Celis, Esteban
Keogh, Elissa
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CURRENT APPLICATION NUMBER: US/09/458,298
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APPLICANT: Epinmune
APPLICANT: Sette, Alessandro
APPLICANT: Sette, Alessandro
APPLICANT: Sette, Alessandro
APPLICANT: Sidney, John
APPLICANT: Suchwood.
APPLICANT: Clais, Esteban
APPLICANT: Clais, Esteban
APPLICANT: Cesant, Robert
APPLICANT: Cesant, Robert
APPLICANT: Reogh, Elissa
ITILE OF INVENTION: INDUCING CELLULAR IMMUNE RESPONSES TO
TITLE OF INVENTION: MAGE2/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
ITILE OF INVENTION: MAGE2/3 04500US
CURRENT APPLICATION NUMBER: US 09/189,702
PRIOR APPLICATION NUMBER: US 09/189,702
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR APPLICATION NUMBER: US 08/025,746
PRIOR PRILING DATE: 1993-01-29
PRIOR PILING DATE: 1993-06-04
PRIOR APPLICATION NUMBER: US 08/027,146
PRIOR APPLICATION NUMBER: US 08/027,
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APPLICANT: Fikes, John
APPLICANT: Fikes, John
APPLICANT: Sidney, John
APPLICANT: Sidney, John
APPLICANT: Chesnut, Robert
APPLICANT: Chesnut, Robert
APPLICANT: Keegh, Elissa
TITLE OF INVENTION: INDUCING CELLULAR IMMUNE RESPONSES TO
TITLE OF INVENTION: UNAGEZ/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS
FILE REFERENCE: 018623-014600US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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Pred. No. 6.4e+06;
1; Mismatches 0; Indels
                                                                                                                    Score 26; DB 18; Length 8;
Pred. No. 6.4e+06;
1; Mismatches 0; Indels
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, OTHER INFORMATION: Artificial Peptide US-09-458-298-772
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 11
US-09-458-298-1279
; Sequence 1279, Application US/09458298
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1276, Application US/09458298 GENERAL INFORMATION:
                                                                                                                        47.3%;
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Best Local Similarity 75.0%;
Matches 3; Conservative
                                                                                                                    Query Match
Best Local Similarity 75.0
Matches 3; Conservative
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US-09-458-298-1276
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Sequence 1654, Application US/09458298

Sequence 1654, Application US/09458298

GENERAL INFORMATION:
APPLICANT: Epimenule
APPLICANT: Scatte, Alessandro
APPLICANT: Scatte, Alessandro
APPLICANT: Scatte, Alessandro
APPLICANT: Scatte, Alessandro
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Contenut, Robert
APPLICANT: Wordert
BRIOR APPLICATION NUMBER: US 09/189,702
PRIOR PILING DATE: 1998-11-29
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-06-05
PRIOR PILING DATE: 1993-06-05
PRIOR PILING DATE: 1993-06-06
PRIOR PILING DATE: 1993-0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
47.3%; Score 26; DB 18; Length 8;
Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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47.3%; Score 26; DB 18;
Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0;
CURRENT FILING DATE: 1998-12-10
PRIOR APPLICATION NUMBER: US 09/189,702
PRIOR FILING DATE: 1998-11-10
PRIOR FILING DATE: 1998-11-10
PRIOR FILING DATE: 1994-03-04
PRIOR FILING DATE: 1994-03-04
PRIOR FILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-05-05
NUMBER OF SECIEN NOS: 2436
SECIENCHE: FastSEC for Windows Version 4.0
SECIENCHE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , OTHER INFORMATION: Artificial Peptide US-09-458-298-1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Artificial Peptide
US-09-458-298-1654
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Sette, Alessandro
APPLICANT: Sette, John
APPLICANT: Sette, John
APPLICANT: Sidney, John
APPLICANT: Sidney, John
APPLICANT: Chesnut, Robert
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Reogh, Elissa
APPLICANT: Rocoph, Elissa
TITLE OF INVENTION: Mage2/3 Using Peptide and Nucleic Acid Compositions
TITLE OF INVENTION: Mage2/3 Using Peptide and Nucleic Acid Compositions
TITLE OF INVENTION NUMBER: US/09/458,298A
CURRENT APPLICATION NUMBER: US 09/189,702
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR PILING DATE: 1994-03-04
PRIOR PILING DATE: 1994-11-10
PRIOR PLILING DATE: 1993-11-29
PRIOR APPLICATION NUMBER: US 08/159,184
PRIOR PLILNG DATE: 1993-11-29
PRIOR APPLICATION NUMBER: US 08/073,205
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cheanut, Robert
APPLICANT: Cheanut, Roler
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
TITLE OF INVENTION: INDUCING CELIULAR IMMUNE RESPONSES TO
TITLE OF INVENTION: MAGEZ/3 USING PEPTIDE AND NUCLBIC ACID COMPOSITIONS
TITLE OF INVENTION: MAGEZ/3 USING PEPTIDE AND NUCLBIC ACID COMPOSITIONS
TITLE OF INVENTION: MAGEZ/3 USING PEPTIDE AND NUCLBIC ACID COMPOSITIONS
TITLE OF INVENTION NUMBER: US 09/189,702
PRIOR APPLICATION NUMBER: US 09/189,702
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR FILING DATE: 1994-01-09
PRIOR APPLICATION NUMBER: US 08/159,184
PRIOR PILING DATE: 1993-11-29
PRIOR APPLICATION NUMBER: US 08/073,205
PRIOR APPLICATION NUMBER: US 08/073,205
PRIOR APPLICATION NUMBER: US 08/027,146
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47.3%; Score 26; DB 18; Length 8;
Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 2436
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1658
LENGTH: 8
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                                                                                                                                                  Sequence 1658, Application US/09458298 GENERAL INFORMATION:
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US-09-458-298A-78
i Sequence 78, Application US/09458298A
; GENERAL INPORMATION:
                                                                                                                                                                                                                                              Fikes, John
Sette, Alessandro
Sidney, John
Southwood, Scott
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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GENERAL INFORMATION:
APPLICANT: Fikes, John
APPLICANT: Sidney, John
APPLICANT: Chesnut, Robert
APPLICANT: Reogh, Elissa
TITLE OF INVENTION: Inducing Cellular Immune Responses to
TITLE OF INVENTION: Mage2/3 Using Peptide and Nucleic Acid Compositions
FILE REFERENCE: 2060.0130000
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47.3%; Score 26; DB 18;
Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0;
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Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0
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FILE KEKEKENCE: 2000/1510/00

CURRENT PELLING DATE: 1999-12-10

PRIOR APPLICATION NUMBER: US 09/189,702

PRIOR PILING DATE: 1998-11-10

PRIOR PILING DATE: 1994-03-04

PRIOR FILING DATE: 1994-03-04

PRIOR FILING DATE: 1993-11-29

PRIOR FILING DATE: 1993-10-29

PRIOR FILING DATE: 1993-06-04

PRIOR FILING DATE: 1993-06-05

NUMBER OF SEQ ID NOS: 2438

SOFTWARE: PATENTIN VETBION 3.1

SEQ ID NO 454
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Job time : 445 secs
PRIOR FILING DATE: 1993-06-04
PRIOR APPLICATION NUMBER: US 08/027,146
PRIOR FILING DATE: 1993-03-05
NUMBER OF SEQ ID NOS: 2438
SOFTWARE: Patentin version 3.1
LENGTH: 8
                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
CONTEX INFORMATION: Artificial Peptide
US-09-458-298A-78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
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Sequence Sequence Sequence Sequence

Sequence Sequence Sequence

Sequence 657, Appl Sequence 74, Appl Sequence 79, Appl Sequence 732, App Sequence 773, App Sequence 173, App Sequence 126, Ap Sequence 1277, Ap Sequence 1277, Ap Sequence 1642, Ap Sequence 1659, Ap Sequence 2144, Ap Sequence 2144, Ap Sequence 2174, App Sequence 2174, App Sequence 637, App Sequence 151, App Sequence 151, App Sequence 151, App Sequence 151, App Sequence 637, App Sequence 151, App

Sequence

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Sequence:

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Length 10,
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; Sequence 6, Application US/09911129B
; Publication No. US20030040600A1
; GENERAL INFORMATION:
    APPLICANT: Clevafatis, Michael
    APPLICANT: Kalafatis, Michael
    APPLICANT: Mann, Kenneth G.
    TITLE OF INVENTION: Thrombin Generation Inhibitor
    FILE REFERENCE: 27433/04004
    CURRENT APPLICATION NUMBER: US/09/911,129B
    CURRENT FILING DATE: 2002-03-19
    NUMBER OF SEQ ID NOS: 17
    SOFTWARE: Patentin version 3.1
    SEQ ID NO 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 55; DB 10;
Pred. No. 0.0038;
0; Mismatches 0;
US-10-149-135-1279
US-10-149-135-1654
US-10-149-135-1658
US-10-062-109A-101
US-10-062-109A-101
US-10-062-109A-101
US-10-062-109A-101
US-10-062-109A-101
US-10-062-109A-101
US-10-149-135-74
US-10-149-135-73
US-10-149-135-73
US-10-149-135-739
US-10-149-135-739
US-10-149-135-739
US-10-149-135-1280
US-10-149-135-1280
US-10-149-135-1642
US-10-149-135-1642
US-10-149-135-1643
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US-10-149-135-1643
US-10-062-109A-207
US-10-062-109A-207
US-10-062-109A-207
US-10-062-109A-207
US-10-062-109A-207
US-10-062-109A-207
US-10-062-109A-207
US-10-063-480A-207
US-10-063-480A-207
US-10-063-480A-545
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US-10-795-795-6
Squence 6, Application US/10795795
Publication No. US20040186271A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 10; Conservative
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ORGANISM: Homo sapiens
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Sequence 5, Appli
Sequence 5, Appli
Sequence 19, Appl
Sequence 19, Appl
Sequence 105, Appl
Sequence 78, Appl
Sequence 78, Appl
Sequence 772, Appl
Sequence 772, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                September 16, 2005, 11:57:54; Search time 152 Seconds (without alignments) 26.640 Million cell updates/sec
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1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_MBW_PUB_pep:*
3: /cgn2_6/ptodata/2/pubpaa/USO6_NBW_PUB_pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_NBW_PUB_pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO7_NBW_PUB_pep:*
6: /cgn2_6/ptodata/2/pubpaa/USO8_NBW_PUB_pep:*
7: /cgn2_6/ptodata/2/pubpaa/USO8_NBW_PUB_pep:*
8: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
9: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO8_NBW_PUB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
12: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
19: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
10: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
12: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
                          GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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16 US-10-795-795-6

0 US-09-911-129B-5

6 US-10-795-795-5

7 US-10-748-451-19

7 US-10-37-912-105

5 US-10-149-135-78

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6 US-10-149-135-78

7 US-10-149-135-78

10S-10-149-135-78
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                                                                                                                                                                                                                                                                                                                                      1812044 seqs, 404927589 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                  - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Query
Match Length D
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52.7
74.3
747.3
747.3
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**Gap**8

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Result Š. Gaps

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Sequence 19, Application US/09748451
; Patent No. US20010011078A1
; Patent No. US20010011078A1
; GENERAL INFORMATION:
; APPLICANT: WANG, XIAODONG
; APPLICANT: WANG, XIAODONG
; TITLE OF INVENTION: DNA FRAGMENTATION FACTOR INVOLVED IN APOPTOSIS
; TITLE OF INVENTION: DNA FRAGMENTATION FACTOR INVOLVED IN APOPTOSIS
; FILE REPERENCE: US/09/748,451
; CURRENT APPLICATION NUMBER: US/09/748,451
; CURRENT FILING DATE: 1998-04-16
; PRIOR APPLICATION NUMBER: 09/061,702
; PRIOR APPLICATION NUMBER: 09/061,702
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
                                                                                        60.0%; Score 33; DB 16; Length 10; 100.0%; Pred. No. 37; o; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 60.0%; Pred. No. 4.5e+02;
Matches 3; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: complement inhibitor US-10-937-912-105
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                       5; Conservative
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ORGANISM: Mus musculus
US-09-748-451-19
    ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-795-795-5
                                                                                           Query Match
Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60.0%; Score 33; DB 10; Length 10; 100.0%; Pred. No. 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5. Application US/09911129B
; Publication No. US20030040600A1
; GENERAL INFORMATION:
; APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
; APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
; FILE REFERENCE: 27433/04004
; CURRENT APPLICATION WUMBER: US/09/911,129B
; CURRENT FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 17
; SOFTWARR: PatentIn version 3.1
; SEQ ID NO 5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Application US/10795795
Publication No. US20040186271A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kalafatis, Michael
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
ITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/10/795,795
CURRENT PILING DATE: 2004-03-08
PRIOR FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
1 TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION WUMBER: US/09/911,129B
PRIOR APPLICATION NUMBER: US/09/911,129B
PRIOR FILING DATE: 2002-03-19
PRIOR FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3:1
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                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
US-10-795-795-6
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Best Local Similarity
Matches 10; Conserv
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Best Local Similarity
Matches 5; Conserv
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US-09-911-129B-5
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US-10-795-795-5
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Sequence 105, Application US/10937912

Publication No. US20050090448A1

Publication No. US20050090448A1

GENERAL INFORMATION:

APPLICANT: Baxter International Inc.

APPLICANT: Johnson, Richard J

APPLICANT: Mavee, Shelley A

TITLE OF INVENTION: PEPTIDES TRAT INHIBIT COMPLEMENT ACTIVATION

FILE REFERENCE: TR. 6067 (BXTR 4017.1)

CURRENT APPLICATION NUMBER: US/10/937,912

CURRENT FILING DATE: 2004-09-10

PRIOR PILICATION NUMBER: US 60/501,710

PRIOR PILICATION NUMBER: 203-30-10

NUMBER OF SEQ ID NOS: 121

SSCTARRE: Retentin version 3.1

LENGTH: 10
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52.7%; Score 29; DB 9; Length 9; 100.0%; Pred. No. 1.6e+06; Live 0; Mismatches 0; Indels
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Gaps

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Length 8;

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APPLICANT: Southwood, Scott
APPLICANT: Southwood, Scott
APPLICANT: Chesnut, Robert
APPLICANT: Chesnut, Robert
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Keogh, Elissa
ITILE OF INVENTION: Inducing Cellular Immune Responses to
ITILE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
ITILE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
ITILE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
FILE REFERENCE: 2000-12-11
FRICE APPLICATION NUMBER: US 09/458,298
FRICE FILING DATE: 1999-12-10
FRICE FILING DATE: 1999-11-10
FRICE APPLICATION NUMBER: US 09/189,702
FRICE APPLICATION NUMBER: US 08/205,713
FRICE APPLICATION NUMBER: US 08/159,184
FRICE APPLICATION NUMBER: US 08/03,205
FRICE FILING DATE: 1993-01-29
FRICE FILING DATE: 1993-01-305
FRICE FILING DATE: 1993-03-05
FRICE FI
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Pred. No. 1.6e+06;
1; Mismatches 0;
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Pred. No. 1.6e+06;
1; Mismatches 0:
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US-10-149-135-454
                                                                                                                                                                                       OTHER INFORMATION: Artificial Peptide US-10-149-135-78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-149-135-454; Sequence 454, Application US/10149135; Publication No. US20040053822A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                         47.38;
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Best Local Similarity 75.0%;
Matches 3; Conservative
                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Fikes, John
APPLICANT: Sette, Alessandro
APPLICANT: Sidney, John
                                                                                                                                                                                                                                                                                         Query Match 47.3
Best Local Similarity 75.0
Matches 3; Conservative
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                              SEQ ID NO 78
LENGIH: 8
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APPLICANT: Chesunt, Robert
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Recgh, Elissa
TITLE OF INVENTION: Inducing Cellular Immune Responses to
TITLE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
FILE REPERENCE: 2060-1033001
CURRENT PILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: PCT/US00/33545
PRIOR PILING DATE: 1999-12-10
PRIOR PILING DATE: 1999-11-10
PRIOR PILING DATE: 1999-11-10
PRIOR PILING DATE: 1998-11-10
PRIOR PILING DATE: 1998-11-10
PRIOR PILING DATE: 1991-11-29
PRIOR APPLICATION NUMBER: US 08/159,184
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-03-05
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                                                                                                                                                 Sequence 10 No. 105/10353419A
Fublication No. 0520030224987A1
GENERAL INFORMATION:
APPLICANT: Styl, Sung-ho
APPLICANT: Styl, Sung-ho
APPLICANT: Song, '10-Young'
APPLICANT: Song, '10-Young'
APPLICANT: Bae, Yoe-5ik
APPLICANT: Bae, Yoe-5ik
APPLICANT: Bay 10-Young'
APPLICANT: APA4977 072944.0167
CURRENT APPLICATION NUMBER: US/10/353,419A
CURRENT APPLICATION NUMBER: 60/352,930
PRIOR PILING DATE: 2003-01-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENTH: 6
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US-10-149-135-78
; Sequence 78, Application US/10149135
; Publication No. US20040053822A1
; GENERAL INFORMATION:
; APPLICANT: Fikes, John
; APPLICANT: Sette, Alessandro
; APPLICANT: Staney, John
appLICANT: Southwood, Scott
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 60.0
Matches 3; Conservative
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08/027,146
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1279, Application US/10149135
Publication No. US20040053822A1
GENERAL INFORMATION:
APPLICANT: Fikes, John
APPLICANT: Sette, Alessandro
APPLICANT: Sidney, John
APPLICANT: Southwood, Scott
PRIOR FILING DATE: 1993-06-04
PRIOR APPLICATION NUMBER: US 08/;
PRIOR FILING DATE: 1993-03-05
NUMBER OF SEQ ID NOS: 2479
SOFTWARE: Patentin version 3.1
SEQ ID NO 1276
LENGTH: 8
                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                APPLICANT: Sette, Alesandro
APPLICANT: Sette, Alesandro
APPLICANT: Staney, John
APPLICANT: Staney, John
APPLICANT: Southwood, Scott
APPLICANT: Chesnut, Robert
APPLICANT: Chesnut, Robert
APPLICANT: Chesnut, Robert
APPLICANT: Celis, Esteban
APPLICANT: Reagh, Elisaa
TITLE OF INVENTION: MAGE2/3 Using Peptide and Nucleic Acid Compositions
FILE REPREMENT: 2000-12-11
FILE OF INVENTION NUMBER: US/10/149,135
CURRENT APPLICATION NUMBER: US 09/459,298
PRIOR APPLICATION NUMBER: US 09/459,298
PRIOR FILING DATE: 1999-11-10
PRIOR FILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: US 08/169,702
PRIOR APPLICATION NUMBER: US 08/169,702
PRIOR APPLICATION NUMBER: US 08/159,184
PRIOR PILING DATE: 1994-03-04
PRIOR FILING DATE: 1993-03-04
PRIOR FILING DATE: 1993-03-05
PRIOR FILING DATE: 1993-03-05
PRIOR FILING DATE: 1993-03-05
NUMBER OF SEQ ID NOS: 2479
SOUTHWARE: Patentin version 3.1
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Publication No. US20040053822A1
GENERAL INPORMATION:
APPLICANT: Sette, Alessandro
APPLICANT: Southwood, Scott
APPLICANT: Southwood, Scott
APPLICANT: Calls, Esteban
APPLICANT: Roogh, Elissa
TITLE OF INVENTION: Inducing Cellular Immune Responses to
TITLE OF INVENTION: MAGER: US/10/149,135
CURRENT APPLICATION NUMBER: US 09/169,135
CURRENT FILING DATE: 1999-12-10
PRIOR PILING DATE: 1999-12-10
PRIOR PILING DATE: 1999-12-10
PRIOR PILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1993-11-29
PRIOR FILING DATE: 1993-11-29
PRIOR APPLICATION NUMBER: US 08/159,184
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Pred. No. 1.6e+06;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative 1
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ORGANISM: Artificial Sequence
     Fikes, John
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Query Match 47.3%; Score 26; DB 15; Length 8; Best Local Similarity 75.0%; Pred. No. 1.6e+06; Matches 3; Conservative 1; Mismatches 0; Indels
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PRIOR APPLICATION NUMBER: US 08/159,184
PRIOR FILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-01-29
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-03-05
NUMBER OF SEQ ID NOS: 2479
SOFTWARE: Patentin Version 3.1
SEC ID NO 1658
                                                                                                                                                                                                                                                                                                                             , OTHER INFORMATION: Artificial Peptide US-10-149-135-1658
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Publication No. US20030165505A1
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%;
Matches 3; Conservative
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Best Local Similarity 75.0.
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ORGANISM: Homo sapiens
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US-10-062-109A-101
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APPLICANT: Southwood, Scott
APPLICANT: Cleanut, Robert
APPLICANT: Cleanut, Robert
APPLICANT: Cleanut, Robert
APPLICANT: Cleanut, Robert
TITLE OF INVENTION: Inducing Cellular Immune Responses to
TITLE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
FILE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
FILE REPERENCE: 2000-12-11
FILE REPERENCE: 2000-12-11
PRIOR APPLICATION NUMBER: US 09/458,298
PRIOR PILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: US 09/458,702
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR APPLICATION NUMBER: US 08/205,713
PRIOR PILING DATE: 1994-03-04
PRIOR FILING DATE: 1993-11-10
PRIOR PILING DATE: 1993-10-04
PRIOR PILING DATE: 1993-06-04
PRIOR APPLICATION NUMBER: US 08/129,184
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-06-04
PRIOR PILING DATE: 1993-01-05
NUMBER OF SEQ ID NOS: 2479
SEQ ID NO 1654
FUNDATH.
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APPLICANT: Sette, Alessandro
APPLICANT: Sette, Alessandro
APPLICANT: Sidney, John
APPLICANT: Sidney, John
APPLICANT: Chesnut, Robert
APPLICANT: Chesnut, Robert
APPLICANT: Celis, Esteban
APPLICANT: Celis, Esteban
APPLICANT: Keogh, Elissa
TITLE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
TITLE OF INVENTION: MAGEZ/3 Using Peptide and Nucleic Acid Compositions
CURRENT APPLICATION NUMBER: US(10/149,135
CURRENT FILING DATE: 2000-12-11
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PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: US 09/458,298
PRIOR FILING DATE: 1999-12-10
PRIOR PILING DATE: 1999-11-10
PRIOR PLING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: US 09/189,702
PRIOR APPLICATION NUMBER: US 08/205,713
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       Sequence 1654, Application US/10149135
Publication No. US20040053822A1
GENERAL INFORMATION:
APPLICANT: Fikes, John
APPLICANT: Sette, Alessandro
APPLICANT: Sidney, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative 1
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ORGANISM: Artificial Sequence
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GENERAL INCORMATION:
GENERAL INCORMATION:
APPLICANT: Agensys
APPLICANT: Acallita-Eid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Morrison, Raren Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Cancer
FILE REFERENCE: 51158-20062.01
CURRENT PELICATION NUMBER: US 10/005,480
FILE REPERENCE: 2001-11-07
CURRENT FILING DATE: 2001-11-07
FRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: PastERQ for Windows Version 4.0
SEQ ID NO 101
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Pred. No. 1.6e+06;
1; Mismatches 0; Indels
  Length 8;
                                                        0; Indels
Score 26; DB 15;
Pred. No. 1.6e+06;
1; Mismatches 0;
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Patent No. 6703364
GENERAL INPORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT PAPLICATION NUMBER: US/09/911,129B
CURRENT PILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 6
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SEQ ID NO 6
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APPLICANT: Cleveland State University
APPLICANT: Ralafatis, Michael
APPLICANT: Mann, Kenneth G.
ITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REPERENCE: 27433/04004;
CURRENT APPLICATION WUMBER: US/09/911,129B
CURRENT APPLICATION WUMBER: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
SEQ ID NO SEQ ID NOS: 17
SEQ ID NO SEQ ID NOS: 17
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100.0%; Pred No. 0.00025;
Mismatches 0;
US-09-111-681C-30
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US-09-111-681C-32
US-09-111-681C-32
US-09-350-325-43
US-09-350-325-46
US-09-350-641C-1567
US-09-350-641C-1567
US-09-350-641C-1583
US-09-350-641C-1583
US-09-350-641C-1584
PCT-US96-06270-16
PCT-US96-06270-17
US-08-188-583-45
US-08-188-583-50
US-09-082-2798-1433
US-09-082-2798-1434
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Matches 10; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
         RESULT 2
US-09-911-129B-5
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US-09-911-129B-6
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Sequence 1219, Ap
Sequence 8, Appli
Sequence 1565, Ap
Sequence 1565, Ap
Sequence 2, Appli
Sequence 2, Appli
Sequence 1566, Ap
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Sequence 19, Appl
Sequence 23, Appl
Sequence 39, Appl
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                                                                                                                                                           September 16, 2005, 11:46:58; Search time 38.6667 Seconds (without alignments) 19.306 Million cell updates/sec
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Sequence 1
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: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

: /cgn2_6/ptodata/1/iaa/ReZOMB.pep:*

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                                GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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3-09-315-304B-1565
3-09-350-325-25
3-09-350-641C-1565
3-08-068-947-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                      using sw model
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Gapop 10.0 , Gapext 0.5
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Match Length DB
                                                                                                                                                                                                                                                      US-10-795-795-6
                                                                                                                      protein search,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB seq length: 3 Maximum DB seq length: 10
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APPLICANT: SHIRATAWA, KAMON
APPLICANT: MATUSUE, TOMOKAZU
APPLICANT: NAGATA, SHIGERAZU
APPLICANT: O, MAN SUNG
APPLICANT: VASQUEZ, MAXIMILIANO
APPLICANT: VASQUEZ, MAXIMILIANO
APPLICANT: VASQUEZ, MAXIMILIANO
TITLE OF INVENTION: ANTI-FAS LIGAND ANTIBODY
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS: 41
                                                                                                                           52.7%; Score 29; DB 4; Length 9; 100.0%; Pred. No. 4.1e+05; iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               47.3%; Score 26; DB 3; Length 8; 75.0%; Pred. No. 4.1e+05; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CUBRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
CITY: FALLS CHURCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-649-100-39; Sequence 39, Application US/08649100; Patent No. 6114507
                                                                                                                                                                                                                                                                                                                                                                        Sequence 23, Application US/08649100
Patent No. 6114507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUREHY JR, GREALD M
REGISTRATION NUMBER: 28,977
REFRENCE/DOCKET NUMBER: 1110:
TELECOMUNICATION INFORMATION:
TELEPAK: (703) 205-8000
TELEPAK: (703) 205-8000
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Conservative
                                                                                                                                                                            4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
                    ; LENGTH: 9
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-748-451-19
                                                                                                                        Query Match
Best Local Similarity
Matches 4; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
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Matches 3; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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SEQ ID NO 19
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US-09-748-451-19

Sequence 19, Application US/09748451

Sequence 19, Application US/09748451

Patent No. 6796648

GENERAL INFORMATION:

APPLICANT: WANG, XIAODONG

TITLE OF INVENTION: DNA FRAGMENTATION FACTOR INVOLVED IN APOPTOSIS

FILE REFERENCE: USD5.546U501

CURRENT APPLICATION NUMBER: US/09/748,451

CURRENT FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 09/061,702

PRIOR SPELICATION NUMBER: 09/061,702

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PATENTING DATE: 2000-12-22

NUMBER OF SEQ ID NOS: 21
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US-09-061-702-19
i Sequence 19, Application US/09061702
i Sequence 19, Application US/09061702
i Batent No. 6165737
i GENERAL INFORMATION:
i APPLICANT: Wang, Xiaodong
i TITLE OF INVENTION: DNA FRAGMENTATION FACTOR INVOLVED IN
i TITLE OF INVENTION: APOPTOSIS
i NUMBER OF SEQUENCE: 21
correspondence Address:
i ADDRESSEE: Arnold, White & Durkee
street: P.O. Box 4433
i STREET: P.O. Box 4433
i STREET: T.O. Box 4433
i STREET: T.O.
                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    52.7%; Score 29; DB 3; Length 9; 100.0%; Pred. No. 4.1e+05; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA

ZIP: 77210-4433

COMPUTER READBLE FORM:
MEDLUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPATIDLE
COMPUTER: IBM PC COMPATIDLE
COMPUTER: PATEMENT RELEASE #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,702

FILING DATE: CONCULENTLY HEYEWITH
CLASSIFICATION:
100.0%; Pred. No. 4.1; ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: MCMIllian, Nabela R.
REGISTATION NUMBER: P-43,363
REFERENCE/DOCKET NUMBER: UTSD:546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512/418-3000
TELEPHONE: (512/418-3000
TELEPHONE: (512/41-7577
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Best Local Similarity 100.
Matches 5, Conservative
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US-09-061-702-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1219, Application US/08159339A
Fatent No. 6037135
GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Sette, Alessandro
APPLICANT: Sette, Alessandro
TITLE OF INVENTION: Uses
NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
SOFTWARE: PastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIPICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 06-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: 32,762
REFERENCE/POCKET NUMBER: 018623-005030US
TELEPHONE: (415) 576-0300
TELEPHONE: (415) 576-0300
TELEPHONE: (415) 576-0300
TELERX:
INFORMATION FOR SEQ ID NO: 1218:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TELENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Comparible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
SURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/027,746
FILING DATE: 06-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 26; DB 3; 1 Pred. No. 4.1e+05;
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Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: CA
COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 WEYF 4
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US-08-159-339A-1219
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                                                                      APPLICANT: MATUSUE, TOMOKAZU
APPLICANT: NAGATA, SHIGEKAZU
APPLICANT: NAGATA, SHIGEKAZU
APPLICANT: CO, MAN SUNG
APPLICANT: VASQUEZ, MAXIMILIANO
TITLE OF INVENTION: ATTI-FAS LIGAND ANTIBODY AND ASSAY
TITLE OF INVENTION: METHOD USING THE ANTI-FAS LIGAND ANTIBODY
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PALLS CHURCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    47.3%; Score 26; DB 3; Length 8; 75.0%; Pred. No. 4.1e+05; tive 1; Mismatches 0; Indels
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Fatent No. 6037135

GENERAL INFORMATION:
APPLICANT: Kubb. Ralph T.
APPLICANT: Sette, Alessandro
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding peptides and Their
TITLE OF INVENTION: Uses
NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESS:
ADDRESSEB: Townsend and Townsend and STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                   STATE: VA
COUNTRY: USA
ZIP: 22040-0747
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR, GERALD M
REGISTRATION NUMBER: 26,977
REFERENCE/DOCKET NUMBER: 1110-160
TELEPHONE: (703) 205-8000
TELEPAX: (703) 205-8000
TELEPAX: (703) 205-8050
INPORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatibl
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 75.0
The Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 WEYF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 7
US-08-159-339A-1218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-649-100-39
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**Gaps** 

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| APPLICANT: Barney, S. |
| APPLICANT: Guthrie, K. |
| APPLICANT: Guthrie, K. |
| APPLICANT: Guthrie, K. |
| APPLICANT: Guthrie, Guthrie, K. |
| APPLICANT: Mentka, G. |
| APPLICANT: Anwer, M. |
| APPLICANT: Lambert, D. |
| TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC TITLE OF INVENTION: PROPERTIES |
| TITLE OF INVENTION: PROPERTIES |
| TITLE OF INVENTION: APPLICATION NUMBER: US/09/315,304B |
| CURRENT PEPLICATION NUMBER: 09/082,279 |
| PRIOR PELICATION NUMBER: 09/082,279 |
| PRIOR PELICATION NUMBER: 09/082,279 |
| NUMBER OF SEQ ID NOS: 1667 |
| SOFTWARE: FastSEQ for Windows Version 3.0 |
| SEQ ID NO 1565 |
| LENGTH: A
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APPLICANT: Ding, S.
APPLICANT: Exang, M.
APPLICANT: Kang, M.
APPLICANT: Whetta M.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TITLE OF INVENTION: THERAPEUTIC REAGENTS
FILLE REPERENCE: 7872-062
CURRENT APPLICATION NUMBER: US/09/325
CURRENT FILING DATE: 1999-07-09
NUMBER OF SEQ ID NOS: 49
SUPTHARE: FASELSEQ for Windows Version 3.0
SEQ ID NO 25
LENGTH: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.6%; Score 24; DB 4; Length 4; 75.0%; Pred. No. 4.1e+05; tive 1; Mismatches 0; Indels
                                                                                                                                                                                            Sequence 1565, Application US/09315304B Patent No. 6348568 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) OTHER INFORMATION: Core polypeptide US-09-315-3048-1565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 25, Application US/09350325
Patent No. 6541020
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%;
Matches 3; Conservative
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Best Local Similarity 75.v.
Then 3; Conservative
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1 YIAAEE 6
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US-09-350-325-25
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Pred. No. 90;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 8, Application US/08121202
Patent No. 5563045
GENERAL INFORMATION:
APPLICANT: Pittenn, Debra
APPLICANT: Rehemtulla, Alnawaz
APPLICANT: Rehemtulla, Alnawaz
ITLE OF INVENTION: CHIMERIC PROCOAGULANT PROTEINS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Legal Affairs, Genetics Institute, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COLF: VALLE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Legal Affairs, Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERCE/DOCKET NUMBER: 018623-005030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 1219: SEQUENCE CHARACTERISTICS: LENGTH: 10 amino acida TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    47.3%;
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LENGTH: 6 amino acids
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Best Local Similarity 75.0
Matches 3; Conservative
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; MOLECULE TYPE: protein
US-08-121-202-8
                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: peptide US-08-159-339A-1219
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Matches 5; Conserva
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RESULT 12

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APPLICANT: Barney, S.
APPLICANT: Guthrie, K.
APPLICANT: Guthrie, K.
APPLICANT: Amerika, G.
APPLICANT: Amerika, G.
APPLICANT: Lambert, D.
TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
TITLE OF INVENTION: 1872-052
CURRENT TRIING DATE: 1999-05-20
TRIER APPLICATION NUMBER: 09/082,279
PRIOR APPLICATION NUMBER: 09/082,279
PRIOR FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 1667
SOUTHARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1566
LENGTH: 5
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| Sequence 26, Application US/09350325
| Patent No. 6541020
| GENERAL INFORMATION:
| APPLICANT: Kang, M. |
| APPLICANT: Kang, M. |
| TITLE OF INVENTION: THERAPEUTIC REAGENTS
| TITLE OF INVENTION: THERAPEUTIC REAGENTS
| TITLE OF INVENTION: THERAPEUTIC REAGENTS
| FILE REFERENCE: 7872-062
| CURRENT APPLICATION NUMBER: US/09/350,325
| CURRENT FILING DATE: 1999-07-09
| NUMBER OF SEQ ID NOS: 49
| SOFTWARE: FastSEQ for Windows Version 3.0
| SEQ ID NO 26
| LINGTH: 5
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Pred. No. 4.1e+05;
1; Mismatches 0; Indels
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Pred. No. 4.1e+05;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , OTHER INFORMATION: Core polypeptide US-09-315-304B-1566
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Best Local Similarity 75.0%;
Matches 3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
INFORMATION FOR SEQ ID NO:
                                              LENGTH: 5 amino acide
TYPE: AMINO ACID
STRANDEDNESS: unknown
                         SEQUENCE CHARACTERISTICS
                                                                                                                    TOPOLOGY: unknown; MOLECULE TYPE: peptide US-08-068-947-2
                                                                                                                                                                                                                                                                                                                                                                        1 WNYF 4
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                                                                                                                 APPLICANT: Guthrie, K.
APPLICANT: Guthrie, K.
APPLICANT: Guthrie, K.
APPLICANT: Anwer, G.
APPLICANT: Anwer, M.
APPLICANT: Lambert, D.
TITLE OF INVENTION: PROPERTIES
TITLE OF INVENTION: PROPERTIES
TITLE OF INVENTION: PROPERTIES
FILE REFERENCE: 7872-067
CURRENT PELING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 09/315,304
PRIOR FILING DATE: 1999-05-20
PRIOR APPLICATION NUMBER: 09/082,279
PRIOR APPLICATION NUMBER: 09/082,279
PRIOR PILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 1757
SOFTWARE: FRRESCO for Windows Version 3.0
SEQ ID NO 1565
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Pred. No. 4.1e+05;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Flopped disk

COMPUTER: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/08/068,947

FLING DATE: 1996528

CLASSIFICATION NUMBER: US/08/068,947

REGISTRATION NUMBER: S. S. Leslie

REGISTRATION NUMBER: 18,912

REFERENCE/DOCKET NUMBER: 7156-040-999

TELEPHONE: 212-790-9090

TELEFRA: 212-869-8864/9741

TELEFRA: 66141 PENNIE
                       sequence 1565, Application US/09350641C
Patent No. 6556906
GENERAL INFORMATION:
APPLICANT: Barney, S.
APPLICANT: Guthrie, K.
APPLICANT: Merutka, G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , OTHER INFORMATION: Core polypeptide US-09-350-641C-1565
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Patent No. 5470753
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Matches 3; Conservative
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Query Match
43.6%; Score 24; DB 4; Length 5;
Best Local Similarity 75.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 1; Mismatches 0; Indels

; FEATURE: ; OTHER INFORMATION: enhancer peptide US-09-350-325-26 Search completed: September 16, 2005, 11:59:36 Job time : 38.6667 BECB

1 WEYF 4 ||:| 2 WEWF 5

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TISSUE-Thoracic ganglion;
MEDLINE-92196111; PubMed-1549595;
Duve H., Johnsen A.H., Sewell J.C., Scott A.G., Orchard I.,
Rehfeld J.F., Thorpe A.;
"Isolation, structure, and activity of -Phe-Met-Arg-Phe-NH2
neuropeptides (designated calliFMRFamides) from the blowfly Calliphora
vomitoria.";
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                                                      September 16, 2005, 11:45:28; Search time 74 Seconds (without alignments) 34.600 Million cell updates/sec
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P67789
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                             1612378 seqs, 512079187 residues
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AKHG GRYBI
AKH ROMMI
HTFI PERAM
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RPCH PANBO
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Listing first 45 summaries
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HTF GROPO
HTF LEUMA
                                     OM protein - protein search, using sw model
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Q9TR49
P96423
Q8VHM9
Q9N6M5
Q14715
Q71UH0
Q7M3D3
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Gapop 10.0 , Gapext 0.5
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1: uniprot_sprot:*
2: uniprot_trembl:*
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Maximum DB seq length: 10
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Perfect score:
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homo sapien geotrupes i libellula a melolontha pachnoda ma cydia pomon saccharomyc ischnura sep pseudagrion varanus kei yaranus kei yaranus sei homo sapien	: ea	0; Gaps ; estroidea;
P34990 P84441 P25418 P84240 P84240 P82157 P82157 P82157 Q7m4hh Q7m4hh Q94v£3 Q11221 Q61e76 Q61e76	ate) aloplanktis). ; Alteromonadalucture.";	Length 10; 0; Indels ceta; Pterygota Muscomorpha; O
URA7 HUMAN AKH GEOST AKH LIBAU AKH MELML AKH MELML AKH PACMA ALLG CYDPO QYA4H6 QYM4H7 QYA4H7 QYLZJ PAR8 MACRS QCLEZ QYMZM	ALIGNMENTS  1. 1 1. 1 1. 1 1. 1 1. 1 1. 1 1. 1 1.	rry Match tr Local Similarity 75.0%; Pred. No. 96+02; ches 3; Conservative 1; Mismatches 0; Indels 0; Gaps  2 DNFS 5
553.8 10 1 10 1 10 1 10 1 10 1 10 1 10 1 10	T 1  P95305 P96305; O1-MAY-1997 (TYEMBLEE). 03, Creat 01-MAY-1997 (TYEMBLEE). 20, Last 01-MAY-2097 (TYEMBLEE). 20, Last Coded portion of proteclysis tag Alteromonas haloplankis (Pseudoa Bacceria). Protechoacteria; Gammapr Pseudoalteromonadaceae; Pseudoalteromonadaceae; Pseudoalteromonadaceae; Pseudoalteromonadaceae; Pseudoalt NCBL TAXID=228; SEQUENCE FROM N.A. STRAIN=ATCC 14393; MEDLINE=97128184; Pubmed=8972778; Williams K.P., Bartel D.P.; Phylogenetic analysis of the NA 2:1306-1310(1996).  EMBL; UG8076; AAAB48021.1; NON TER	Similarity 73.1%; Similarity 75.0%; E 3; Conservative 1; DNPS 5
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	RESULT 1 P96305 D95305 DT 096305 DT 01-MAY-1997 (TYEMBLED) DT 01-MAY-1997 (TYEMBLE) DT 01-MAY-1997 (TYEMBLE	
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Popp M., Ocelman B.; "Brolution of a RNA polymerase gene family in Silene (Caryophyllaceae) incomplete concerted evolution and topological congruence among
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Burcher E., Conlon J.M.;
"Primary structure and receptor-binding properties of a neurokinin A-
related peptide from frog gut.",
Biochem J. 287:87-832 [1992].
                                                                                                                                                                                                                                                                                                                                                                                                                                                  (Caryophyllaceae).";
Thesis (2004), Department of Evolutionary Biology, Systematic Botany,
Uppsala universitet, Uppsala, Sweden.
EMBL; AJ634075; CAG24094.1; -.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Rana ridibunda (Laughing frog) (Marsh frog).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Amphibia; Batrachia; Anura; Neobatrachia; Ranoidea; Ranidae; Rana
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-!- SUBCELLULAR LOCATION: Secreted.
-!- SIMILARITY: Belongs to the tachykinin family.
-!- SINIBARITY: Belongs to the tachykinin family.
-!- SINIBARITY: Belongs to the tachykinin.
-!- SINIBARITY: BESTAR TACHYKININ 1.
-- PROSITE; PSO0267; TACHYKININ 1.
-- PROSITE 1.
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                                                                                                                                                                                                                                                                                                                                                                       Popp M.; "Disentangling the reticulate history of polyploids in Silene
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NON TER 8 8
SEQUENCE 8 AA, 859 MW; 892DD325B0544AB2 CRC64;
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MEDLINE=93075037; PubMed=1332683;
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Best Local Similarity 75.vv.
Best Local Similarity 75.vv.
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Syst. Biol. 0:0-0(0).
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Best Local Similarity
Matches 3; Conserv
                                                                                                                                                                                                                                                                                             SEQUENCE FROM N.A. TISSUE-Leaf;
SEQUENCE FROM N.A.
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                                       ISSUE-Leaf
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   REPRETATION OF THE REPRETATION O
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DT 05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
DT 05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
DE SNA polymerase II (Fragment).
GN Name=rpb2;
GN Silene ajanensis.
OC Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
C Caryophylales; Caryophylaceae; Silene.
X NCBI_TaxID=265238;
N [1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Calliphora vomitoria (Blue blowfly).

Bukaryota, Metazoa, Arthropoda, Hexapoda, Insecta, Pterygota;

Neoptera, Endopterygota, Diptera, Brachycera, Muscomorpha, Oestroidea,
Calliphoridae; Calliphora.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TISSUE-Thoracic ganglion;
MEDLINE=92196111; PubMed=1549595;
Duve H., Johnsen A.H., Sewell J.C., Scott A.G., Orchard I.,
Rehfeld J.F., Thorpe A.;
"Isolation, structure, and activity of -Phe-Met-Arg-Phe-NH2
neuropeptides (designated calliFMRFamides) from the blowfly Calliphora
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                      Gape
                                       -!- SUBCELLULAR LOCATION: Secreted.
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-1- SUBCELLULAR LOCATION: Secreted.
-1- SIMILARITY: Belongs to the FARP (FWRFamide related peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ó:
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100.0%; Pred. No. 1.5e+03;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                    Query Match 69.2%; Score 18; DB 1; Length 7; Best Local Similarity 100.0%; Pred. No. 1.6e+06; Matches 3; Conservative 0; Mismatches 0; Indels
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Amidation; Direct protein sequencing; Neuropeptide.
MOD RES 10 10 Phenylalanine amide.
SEQUENCE 10 AA; 1156 MW; 22810399C44AB6D8 CRC64;
                                                                                                                                            PIR; B44787; B44787.
Amidation; Direct protein sequencing; Neuropeptide.
Amo Res.
SEQUENCE 7 AA; 926 MW; 69D40699C44AB700 CRC64;
Proc. Natl. Acad. Sci. U.S.A. 89:2326-2330(1992)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 01-NOV-1995 (Rel. 32, Created)
01-NOV-1995 (Rel. 32, Last sequence update)
02-ULJ-2004 (Rel. 44, Last annotation update)
CalliFMRFamide 12.
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P41867;
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RESULT 3

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InterPro; IPR002047; AKH.
PROSITE; PS00256; AKH; 1.
Amidation; Direct protein sequencing; Flight; Neuropeptide;
Pyrrolidone carboxylic acid.
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P04548;
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                                                                                                                                                                                                                                                                                                 TISSUB=Corpora cardiaca;
MEDLINE=88106553; PubMed=3426616;
Gaede G., Rinehart K.L. Jr.;
Frinchary sequence analysis by fast atom bombardment mass spectrometry of a peptide with adipokinetic activity from the corpora cardiaca of the cricket Gryllus bimaculatus.";
Biochem. Biophys. Res. Commun. 149:908-914(1987).

-I-FUNCTION: This hormone, released from cells in the corpora cardiaca after the beginning of flight, causes release of diglycerides from the fat body and then stimulates the flight
                                                  AKHG_GRYBI STANDARD; PRT; 8 AA.
P67785; P14086;
01-JAN-1990 (Rel. 13, Created)
01-JAN-1990 (Rel. 28, Last sequence update)
25-OCT-2004 (Rel. 45, Last annotation update)
25-OCT-2004 (Rel. 45, Last annotation update)
Adipokinetic hormone G (AKH-G).
Gryllus bimaculatus (TWO-spotted cricket).
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
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01-78B-1994 (Rel. 13, Created)
01-78B-1994 (Rel. 28, Last sequence update)
25-OCT-2004 (Rel. 28, Last annotation update)
Adipokinetic hormone (AKH) (RO II).
Romales micropytera (Lubber grasshopper).
Eukaryota; Metazoa; Arthropoda; Haxapoda; Insecta; Pterygota; Neoptera; Orthopteroidea; Orthoptera; Caelifera; Acridomorpha;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PIR; A28004; A28004.
InterPro: PR002047; AKH:
PROSITE; PS00256; AKH; AI.
Amidation; Direct protein sequencing; Flight; Neuropeptide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 muscles to use these diglycerides as an energy source. SUBCELLULAR LOCATION: Secreted. SIMILARITY: Belongs to the AKH / HRTH / RPCH family.
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8 AA; 938 MW; 867861B5B9C452D6 CRC64;
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                                AKHG GRYBI ID AKHG GI DO AKHG GI DO AKHG GI DO 1-JAN- DOT 25-0CTB- DOT
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MEDLINE-84298179; PubMed-6591205;
Scarborough R.M., Jamieson G.C., Kalish F., Kramer S.J., McEnroe G.A.,
Miller C.A., Schooley D.A.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 the corpora cardiaca of the cockroaches Leucophaea maderae, Gromphadorhina portentosa, Blattella germanica and Blatta orientalis and of the stick insect Extatosoma tiaratum assigned by tandem fast atom bombardment mass spectrometry.";

Biol. Chem. Hoppe-Seyler 371:345-354 (1990).

-I-FUNCTION: Hypertrehalosaemic factors are neuropeptides that elevate the level of trehalose in the hemolymph (trehalose is the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SPECIES=L.decemlineata; TISSUE=Corpora cardiaca; MEDLINE=90160053; PubMed=2576128; DOI=10.1016/0196-9781(89)90023-5; Gaede G., Kellner R.; The metabolic neuropeptides of the corpus cardiacum from the potato beetle and the American cockroach are identical."; Peptides 10:1287-1289(1989).
                                                                                                                                                                                                                  Gaps
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01-FEB-1994 (Rel. 28, Last sequence update)
05-JUL-2004 (Rel. 44, Last amoutation update)
05-JUL-2004 (Rel. 44, Last amoutation update)
Hypertrehalosaemic factor I (Neuropeptide M-I) (Periplanetin CC-I)
(PeA-CAH-I) (LeD-CC-I) (Hypertrehalosaemic neuropeptide I).
Leptiplaneta american (American cockroach).
Leptinotarsa decemlineata (Colorado potato beetle), and
Blatta orientalis (Oriental cockroach).
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MarDinnesso46530; PubMed=6548628;
Witten J.L., Schaffer M.H., O'Shea M., Cook J.C., Hemling M.E.,
Rinehart K.L. Jr.;
Structures of two cockroach neuropeptides assigned by fast atom
bombardment mass spectrometry.";
Bjochem. Blophys. Res. Commun. 124:350-358(1984).
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Proc. Natl. Acad. Sci. U.S.A. 81:5575-5579(1984).
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Neoptera; Orthopteroidea; Dictyoptera; Blattaria; Blattoidea;
Blattidae; Periplaneta.
NCBI_TaxID=6978, 7539, 6976;
Pyrrolidone carboxylic acid.
                                                                                                                                                                                                              0; Indels
                                                                                                                                         Length 8;
                                  8 8 Tryptophan amide.
8 AA; 938 MW; 867861B5B9C452D6 CRC64;
                                                                                                                                             DB 1; Le
1.6e+06;
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                                                                                                                                         61.5%; Score 16; DB 100.0%; Pred. No. 1.6 tive 0; Mismatches
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NCBI_TaxID=6703;
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RPCH PANBO
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AC P08939;
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67789; PS2419;
01-MXY-1992 (Rel. 22, Created)
01-FEB-1994 (Rel. 28, Last sequence update)
5-50CT-2004 (Rel. 45, Last annotation update)
Hypertrehalosaemic factor (HOTH) (Hypertrehalosemic neuropeptide).
Tenebrio molitor (Yellow mealworm).
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Neoptera; Endopterygota; Coleoptera; Polyphaga; Cucujiformia;
Tenebrionidae; Tenebrio.
NCBI_TaxID=7067;
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                                       SUBCELLULAR LOCATION: Secreted. SIMILARITY: Belongs to the AKH / HRTH / RPCH family.
major carbohydrate in the hemolymph of insects).
                                   -1- SUNCELLUIAR LOCATION: Secreted.
-1- SIMILARITY: Belongs to the AKH / HRTH / RPCH fan PIR; A05169, A05169.
PIR; A49803, A49803.
PIR; S089955, S08995.
InterPro; IPRO2047; AKH.
PROSITE; PS00256; AKH; 1.
Amidation; Direct protein sequencing; Neuropeptide;
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Amidation; Direct protein sequencing; Neuropeptide;
Pyrrolidone carboxylic acid.
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8 AA; 1005 MW; 86745775B9C44736 CRC64;
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P67790; P25419;
O1-MAY-1992 (Rel. 22, Created)
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MOD_RES 1 1 1 1 1 MOD_RES 8 8
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Best Local Similarity 100.0
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Matches 3; Conservative
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SEQUENCE
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HTF_ZOPRU
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01-FEB-1994 (Rel. 28, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Red pigment concentrating hormone (RPCH).
Pandalus borealis (Northern red shrimp).
Rukaryota, Metazoa, Arthropoda; Crustacea; Malacostraca;
Rumalacostraca; Bucarida; Decapoda; Pleocyemata; Caridea; Pandaloidea;
Pandalidae; Pandalus.
                                                                                                                                                                                                                                                                                                                                           TISSUB-Corpora cardiaca,

TISSUB-Corpora cardiaca,

MEDLINE-90141081; PubMed=2181871; DOI=10.1016/0196-9781(90)90042-4;

Gaede G., Rosinaski G.;

Gaede G., Rosinaski G.;

The primary structure of the hypertrehalosemic neuropeptide from tenebriconid beetles: a novel member of the AKH/RPCH family.";

Peptides 11.455-459(1990).

I. FUNCTION: Hypertrehaloseemic factors are neuropeptides that elevate the level of trehalose in the hemolymph (trehalose is the major carbohydrate in the hemolymph of insects).

SINDERLULAR LOCATION: Secreted.

TIMILARITY: Belongs to the AKH / HRTH / RPCH family.
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-1- FUNCTION: This hormone adapts the animal to light backgrounds by stimulating concentration of the pigment of its red body-
01-FEB-1994 (Rel. 28, Last sequence update)
25-OCT-2004 (Rel. 45, Last annotation update)
Hypertrehalosaemic factor (HOTH) (Hypertrehalosemic neuropeptide).
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                                                                                                                               Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Coleoptera; Polyphaga; Cucujiformia;
Tenebrionidae; Zophobas.
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PROSITE; P800256; AKH; 1.
Amidation; Direct protein sequencing; Hormone; Pigment;
Pyrrolidone carboxylic acid.
MOD_RES 1 1 Pyrrolidone carboxylic acid.
MOD_RES 8 8 Tryptophan amide.
SEQÜENCE 8 A3, 948 MW; 86786775B9C44736 CRC64;
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--I-SUBCELLULAR LOCATION: Secreted.
--I-SIMILARITY: Belongs to the AKH / HRTH / RPCH family.
PIR; A61348; A61348.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PIR; B43976; B43976.
InterPro; IPR002047; AKH.
PROSITE; PS00256; AKH; 1.
Amidation; Direct protein sequencing; Neuropeptide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOD RES 1 1 Pyrrolidone carboxylic MOD RES 8 Tryptophan amide. SEQUENCE 8 AA; 1005 MW; 8674577589C44736 CRC64;
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Best Local Similarity 100.
Matches 3; Conservative
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Score 16; DB 2; Length 9; Pred. No. 1.6e+06; 0; Mismatches 1; Indels

50D145B7244AB403 CRC64;

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Submitted (JUL-1989) to the EMBL/GenBank/DDBJ databases.
                             EMBL; X15824; CAA33822.1; -. NON TER 9 9 SEQUENCE 9 AA; 1073 MW;
                                                                                                                                                   Query Match 61.5%;
Best Local Similarity 75.0%;
Matches 3; Conservative
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Best Local Similarity
Matches 2; Conserv
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SEQUENCE FROM N.A.
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Q9R5R1
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"Programmed translational frameabifting and initiation at an AUU codon in gene expression of bacterial insertion sequence IS911.";
J. Mol. Biol. 222:465-477(1991).
NON TER 8 8
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
NCBI_TaxID=9606;
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Enterobacteriaceae, Shigella.
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MEDLINE=90005483; PubMed=2792104;
Vignal A., Rahuel C., El-Maliki B., London J., Le Vankim C.,
Blanchard C.D.;
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Vignal A., Rahuel C., El-Maliki B., London J., Le Vankim C.,
Blanchard C.D.;
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100.0%; Pred. No. 1.6e+06;
iive 0; Mismatches 0;
      61.5%; Score 16; DB 1; Lv
100.0%; Pred. No. 1.6e+06;
ive 0; Mismatches 0;
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Mi.V glycoprotein (exon P3B) (Fragment).
Homo sapiens (Human).
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Eur. J. Biochem. 184:337-344(1989)
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TISSUE=Miltenberger class V;
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   Query Match
Best Local Similarity 100.
Matches 3; Conservative
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Q9R5R0;
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MEDLINE=92085268; PubMed=1660923;
Polard P., Prere M.F., Chandler M., Fayet O.;
Preser M.F., Chandler M., Fayet O.;
Programmed translational trameshifting and intiation at an AUU codon in gene expression of bacterial insertion sequence IS911.";
J. Mol. Biol. 222:465-477(1991).
PRR: S19523; 919523.
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                                                                                                                                                            Bacteria; Firmicutes; Clostridia; Clostridiales; Heliobacteriaceae; Heliobacillus.
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Enterobacteriaceae, Shigella.
NCBI_TaxID=622;
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SEQUENCE FROM N.A.
MEDLINE=20063247; PubMed=10592213; DOI=10.1093/nar/28.1.168;
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Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.
EMBL; AV804038; AAK83526.1; -.
NON TER 1
                 033LE4;
01-DEC-2001 (TrEMBLrel. 19, Created)
01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation update)
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01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-UDN-2003 (TrEMBLrel. 24, Last annotation update)
Putative transposase (Fragment).
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Pred. No. 1.6e+06;
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  9 AA.
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Nucleic Acids Res. 28:168-168(2000)
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3 NFS 5 ||| 5 NFS 7

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Search completed: September 16, 2005, 11:57:41 Job time: 75 secs

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                                                                                                                                                                        September 16, 2005, 11:54:04; Search time 32.6667 Seconds (without alignments) 25.020 Million cell updates/sec
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Sequence 295
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1: /cgn2 6/ptodata/2/paa/PCT NEW COMB.pep:*
2: /cgn2 6/ptodata/2/paa/US06_NEW_COMB.pep:*
3: /cgn2 6/ptodata/2/paa/US07 NEW_COMB.pep:*
4: /cgn2 6/ptodata/2/paa/US08 NEW_COMB.pep:*
5: /cgn2 6/ptodata/2/paa/US19 NEW_COMB.pep:*
6: /cgn2 6/ptodata/2/paa/US10 NEW_COMB.pep:*
7: /cgn2 6/ptodata/2/paa/US11 NEW_COMB.pep:*
8: /cgn2 6/ptodata/2/paa/US11 NEW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-908-943B-67

US-09-908-943B-72

PCT-US05-16441-17

US-11-078-203-5

US-11-078-203-5

US-11-078-203-5

US-11-028-230-4

US-11-028-230-4

US-11-028-230-4

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US-10-817-970-1350

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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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14	US-11-045-024-14505	7	0	18 69.2	39
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1202	US-11-051-411-1202	7	σ	18 69.2	36
27,	US-11-041-893-27	7	0	18 69.2	35
	US-10-538-066-753	9	o	8	34
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3574,	US-10-817-970-3574	9	თ	9	30
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	US-10-817-970-3480	9	σ	18 69.2	27.
Sequence 3449, Ap	US-10-817-970-3449	9	6	18 69.2	56

## ALIGNMENTS

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SQUENCE 11, Application US/09908943B

SGRUEGE 11, Application US/09908943B

GRENBAL INFORMATION:

APPLICANT: Van. Ridian

APPLICANT: Gurney, Mark E.

APPLICANT: Bienkowski, Mike J.

APPLICANT: APPLICANT
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APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Gurney, Mark E.
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Mike J.
APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: SITE
1 LOCATION: (1)
1 OTHER INFORMATION: Xaa= E, G, I, D, T, cysteic acid or US-09-908-943B-e85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 20; DB 5; I
Pred. No. 6.9e+05;
1; Mismatches 0;
CURRENT APPLICATION NUMBER: US/09/908,943B CURRENT FILING DATE: 2001-07-19 PRIOR APPLICATION NUMBER: 60/219,795 PRIOR FILING DATE: 2000-07-19 NUMBER OF SEQ ID NOS: 199 SOFTWARE: PATENTIN Ver. 2.0 SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
US-09-908-943B-67
Sequence 67, Application US/09908943B
GENERAL INFORMATION:
APPLICANT: Yan, Rigiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 3
US-09-908-943B-66
; Sequence 66, Application US/09908943B
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        76.9%;
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.0
Matches 3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
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4 MDNF 7
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4 MDNF 7
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NAME/KEY: SITE
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APPLICANT: Gurney, Mark E.
APPLICANT: Emmons, Thomas L.
APPLICANT: Emmons, Thomas L.
APPLICANT: Bienkowski, Mike J.
APPLICANT: Bienkowski, Mike J.
TITLE OF INVENTION: SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY
FILE REFERENCE: 2915/00281A.US
CURRENT APPLICATION NUMBER: US/09/908,943B
CURRENT FILING DATE: 2001-07-19
PRIOR PILLING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 199
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Yan, Rigiang
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Gurney, Mark E.
APPLICANT: Gurney, Mark E.
APPLICANT: Gurney, Mark E.
APPLICANT: Bienkowski, Mike J.
APPLICANT: Bienkowski, Mike J.
APPLICANT: Helmirikson, Robert L.
TITLE OF INVENTION: SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY
FILE REFERENCE: 29915/00201A.US
CURRENT FILING DATE: 2001-07-19
FRIOR APPLICATION NUMBER: 60/219,795
FRIOR APPLICATION NUMBER: 60/219,795
FRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 199
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 72
LENGTH: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: peptide sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 20, DB 5, Length 8, Pred. No. 6.9e+05, 1; Mismatches 0; Indels
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; NAME/KEY: SITE
; LOCATION: (8)
; OTHER INFORMATION: Xaa= F, W, G, A, H, P, G, N OF
US-09-908-943B-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LOCATION: (3); ; OTHER INFORMATION: Xaa= N, L, K, S, G, T, D, US-09-908-943B-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-908-943B-72; Sequence 72, Application US/09908943B; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             76.9%;
                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 75.0,
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4 MDNF 7
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4 MDNF 7
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NAME/KEY: SITE
LOCATION: (3)
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Sequence 2, Application US/11028230
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SHIMADZU CORPORATION
TITLE OF INVENTION: Machod for Selective Measurement of Specific Substances from a Mi:
TITLE OF INVENTION: MalDI Mass Spectrometry
TITLE OF INVENTION: MalDI Mass Spectrometry
FILE REFERENCE: G16-32-US
CURRENT APPLICATION NUMBER: US/11/028,230
CURRENT APPLICATION NUMBER: JP2004-153484
PRIOR APPLICATION NUMBER: JP2004-368508
PRIOR APPLICATION NUMBER: JP2004-368508
PRIOR FILING DATE: 2004-05-24
PRIOR FILING DATE: 2004-12-20
NUMBER OF SEQ ID NOS: 9
SEQ ID NO 2
IENGTH: 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence:severe acute OTHER INFORMATION: respiratory syndrome (SARS)-related polypeptide OTHER INFORMATION: trypsin digest Peptide 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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60.0%; Pred. No. 6.9e+05;
APPLICANT: VIDER, NOBER, NOBER, METALCANT: Weinberger Scot R.
APPLICANT: Yip, Tai-tung
APPLICANT: Yip, Tai-tung
APPLICANT: Ciphergen Blosystems, Inc.
TITLE OF INVENTION: SARS Virus Polypeptides
FILE REFERENCE: 016866-010671US
CURRENT PILING DATE: 2005-03-10
PRIOR PILING DATE: 2003-04-10
PRIOR PILING DATE: 2003-04-10
PRIOR APPLICATION NUMBER: US 60/462,597
PRIOR PILING DATE: 2003-04-10
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-15
PRIOR PILING DATE: 2003-04-18
PRIOR PILING DATE: 2003-05-14
PRIOR PILING DATE: 2003-05-14
PRIOR PILING DATE: 2004-04-08
NUMBER OF SEO ID NOS: 29
SOFTWARE: PATENTIN VET: 2.1
SEQ ID NO SE SE LENGTH: 6
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Best Local Similarity 75.0%;
Matches 3; Conservative
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1 LOCATION: 6
1 COTHER INFORMATION: NITRATION
US-11-028-230-2
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Best Local Similarity 60.0
Matches 3; Conservative
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1 MDDFS 5
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APPLICANT: Chye, wee Lee
APPLICANT: Li, Hong Ye
APPLICANT: Li, Hong Ye
APPLICANT: Li, Hong Ye
APPLICANT: Li, Hong Ye
APPLICANT: Poon, Leo Lit Man
APPLICANT: 2004-12-03
FILE REFERENCE: 2507/73166/RDK
CURRENT PILING DATE: 2004-12-03
FRIOR PILING DATE: 2003-12-03
RUGHER OF SEQ ID NOS: 4043
SOFTWARE: Patentin version 3.1
SOFTWARE: Patentin version 3.1
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                                                                                    ; Sequence 1.1. Application PC/TUS0516441; GENERAL INFORMATION:
; GENERAL INFORMATION:
APPLICANT: AbGenomics Corporation
; TITLE OF INVENTION: T-CELL DEATH-INDUCING EPITOPES; FILER REFERENCE: 113062-009W01
; CURRENT APPLICATION NUMBER: PCT/US05/16441
; PRIOR PILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,161
; PRIOR PILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
LEMOTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetically generated peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 7
2.11-004-1399-2954
; Sequence 2954, Application US/11004399
; GENERAL INFORMATION:
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US-11-078-203-5
; Sequence 5, Application US/11078203
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 75.0
Theg 3; Conservative
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US-11-004-399-2954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Lomas, Lee
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APPLICANT: Pu, Siyu
APPLICANT: Lomas, Lee
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ORGANISM:
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APPLICANT: Chesmut, R.
APPLICANT: Chesmut, R.
APPLICANT: Kast, W.M.
TITLE OF INVENTION: HIA Binding Motifs and Peptides and Their Uses
FILE REFERENCE: 2060.050000
CURRENT FILING DATE: 2064-04-06
CURRENT FILING DATE: 1997-03-20
PRIOR PLICATION NUMBER: 06/821,739
PRIOR FILING DATE: 1996-03-21
PRIOR FILING DATE: 1996-03-21
PRIOR PLICATION NUMBER: 06/589,107
PRIOR PLICATION NUMBER: 06/451,913
PRIOR PLICATION NUMBER: 06/451,913
PRIOR FILING DATE: 1995-05-26
PRIOR FILING DATE: 1994-01-25
PRIOR FILING DATE: 1994-01-25
PRIOR FILING DATE: 1993-01-29
PRIOR FILING DATE: 1993-01-29
PRIOR FILING DATE: 1993-03-06
PRIOR FILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-12-01
PRIOR PLICATION NUMBER: 08/347,610
PRIOR FILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-12-01
PRIOR PRIOR FILING DATE: 1994-12-01
PRIOR 
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Pred. No. 6.9e+05;
1; Mismatches 0; Indels
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; NUMBER OF SEQ ID NOS: 14635
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1350
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-817-970-1350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 3476, Application US/10817970; GENERAL INFORMATION:
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; OTHER INFORMATION: Synthetic Peptide
US-10-817-970-3476
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Best Local Similarity 75.0
Matches 3; Conservative
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APPLICANT: Sette, A.
APPLICANT: Sidney, J.
APPLICANT: Southwood, S.
APPLICANT: Kubo, R.
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Chesnut, R.
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Best Local Similarity
Matches 3; Conserva
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                                                                                                                                                                                                                                                                      Sequence 4, Application US/11028230
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Mathof for Selective Measurement of Specific Substances from a Mi TITLE OF INVENTION: MALDI Mass Spectrometry
TITLE OF INVENTION: MALDI Mass Spectrometry
CURRENT APPLICATION NUMBER: US/11/028,230
CURRENT FILING DATE: 2005-01-04
PRIOR FILING DATE: 2004-05-24
PRIOR FILING DATE: 2004-05-24
PRIOR APPLICATION NUMBER: JP2004-368508
PRIOR APPLICATION NUMBER: JP2004-368508
PRIOR FILING DATE: 2004-12-20
NUMBER OF SEQ ID NOS: 9
SEQ ID NOS: 9
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APPLICANT: Southwood, S.
APPLICANT: Southwood, S.
APPLICANT: Colis, E.
APPLICANT: Chesnut, R.
APPLICANT: Kast, W.M.
ITILE OF INVERTION: HIAM Binding Motifs and Peptides and Their Uses FILE REFERENCE: 2060.0560000
CURRENT APPLICATION NUMBER: US/10/817,970
CURRENT FILING DATE: 1997-03-20
PRIOR PILING DATE: 1996-03-21
PRIOR APPLICATION NUMBER: 08/589,107
PRIOR APPLICATION NUMBER: 08/589,107
PRIOR FILING DATE: 1995-01-23
PRIOR FILING DATE: 1994-01-25
PRIOR FILING DATE: 1993-01-05
PRIOR PILING DATE: 1993-01-05
PRIOR PILING DATE: 1993-01-05
PRIOR APPLICATION NUMBER: 08/159,339
PRIOR PILING DATE: 1993-01-05
PRIOR APPLICATION NUMBER: 08/159,339
PRIOR PILING DATE: 1993-03-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1350, Application US/10817970 GENERAL INFORMATION:
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APPLICANT: Sette, A.
APPLICANT: Sidney, J.
APPLICANT: Southwood, S.
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; ORGANISM: Gallus gallus
US-11-028-230-4
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US-10-817-970-1350
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US-11-028-230-4
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Score 19; DB 1; Length 10; Pred. No. 3.9e+02;

73.1%;

1; Mismatches

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j TYPE: PRT
CRGANISM: Unknown Organism
FRATURE:
CTHER INFORMATION: Description of Unknown Organism: Biomolecule
CTHER INFORMATION: partition motif
PCT-US04-39285-218
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Best Local Similarity 75.0
Matches 3; Conservative
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TITLE OF INVENTION: HLA Binding Motifs and Peptides and Their Uses
FILE REPERENCE: 2060.0500000
CURRENT APPLICATION WHERE: US/10/817,970
CURRENT FILING DATE: 2004-04-06
PRIOR APPLICATION NUMBER: 08/821,739
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Sequence 218, Application PC/TUS0439285
GENERAL INFORMATION:
APPLICANT: JOHNS HOPKINS UNIVERSITY
TITLE OF INVENTION: BIOMOLECULE PARTITION MOTIFS AND USES THEREOF
FILE REFERENCE: (71699) 62340 PET CURRENT APPLICATION NUMBER: PCT/US04/39285
CURRENT FILING DATE: 2004-11-22
PRIOR FILING DATE: 2003-11-21
NUMBER OF SEQ ID NOS: 332
SOFTWARE: Patentin Ver. 3.3
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Pred. No. 6.9e+05
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PRIOR PILING DATE: 1997-03-20
PRIOR PILING DATE: 1996-03-21
PRIOR PILING DATE: 1996-03-21
PRIOR PILING DATE: 1996-01-23
PRIOR PILING DATE: 1996-01-23
PRIOR PILING DATE: 1996-01-23
PRIOR PILING DATE: 1996-01-25
PRIOR PILING DATE: 1994-01-25
PRIOR PILING DATE: 1994-01-25
PRIOR PILING DATE: 1993-03-06
PRIOR PILING DATE: 1993-03-05
PRIOR PILING DATE: 1993-03-05
PRIOR PILING DATE: 1993-03-05
PRIOR PILING DATE: 1992-04
PRIOR PILING DATE: 1992-04-07
PRIOR APPLICATION NUMBER: 08/347,610
PRIOR PILING DATE: 1994-12-01
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                                                                                                       Sequence 3573, Application US/10817970 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.(
Matches 3; Conservative
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Chesnut, R
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PCT-US04-39285-218
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LENGTH: 9
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PRIOR PELLING DATE: 1997-03-20

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PRIOR PELLING DATE: 1997-03-20

PRIOR PELLING DATE: 1995-03-21

PRIOR PELLING DATE: 1996-03-21

PRIOR PELLING DATE: 1996-01-23

PRIOR PELLING DATE: 1995-05-26

PRIOR PELLING DATE: 1995-05-26

PRIOR PELLING DATE: 1993-01-25

PRIOR PELLING DATE: 1993-11-29

PRIOR PELLING DATE: 1993-11-29

PRIOR PELLING DATE: 1993-11-29

PRIOR PELLING DATE: 1993-08-06

PRIOR PELLING DATE: 1992-08-07

PRIOR PELLING DATE: 1907-08-08-07

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PEPLICANT: Cheshuit, R. APPLICANT: Kast, W.M.
APPLICANT: Kast, W.M.
TITLE OF INVENTION: HLA Binding Motifs and Peptides and Their Uses
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Pred. No. 3.9e+02;
1; Mismatches 0; Indels
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CURRENT APPLICATION NUMBER: US/10/817,970
CURRENT FILING DATE: 2004-04-06
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, OTHER INFORMATION: Synthetic Peptide US-10-817-970-3762
Sequence 3762, Application US/10817970 GENERAL INFORMATION:
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Best Local Similarity 75.0
Matches 3; Conservative.
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Southwood, S.
Kubo, R.
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Job time : 33.6667 Becs

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Result
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(without alignments)
26.306 Million cell updates/sec
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2: /cgn2 6/ptodata/1/paa/USO6_COMB.ppp:*

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Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Searched:
                                                                                                                                                                                                                   Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 11. Sequence 21. Sequence 21. Sequence 3. Sequence 4. Sequence 4. Sequence 4. Sequence 4. Sequence 6. Sequence 6. Sequence 7. Sequence 2. Sequence 2. Sequence 2. Sequence 2. Sequence 2. Sequence 3. Sequence 6.	esquence sequence seq	itor
s ID	US-10-795- US-10-111- US-10-111- US-10-111- US-09-519- US-09-573- US-09-573- US-09-573- US-09-749- US-09-749- US-09-749- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908- US-09-908-	US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-801- US-10-	95795 versity eneration In /10/795,795 08 9/911,129B
Length DB	100 100 100 100 100 100 100 100 100 100		10.00 12. Application US/ AL INFORMATION: ICANT: Cleveland State ICANT: Cleveland State ICANT: Ralafatis, Mich ICANT: Mann, Kenneth G RPERENCE: 27433/04004 RPFERENCE: 27433/04004 ENT FILING DATE: 2004-8 R PILING DATE: 2002-03-68 OF SEQ ID NOS: 17 WARE: Patentin version D NO 12
& Query e Match		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5-12 Clevela Clevela Clevela Clevela Mann, MNUNTION CHNUSTION CHNU
Result No. Score			RESULT 1 US-10-795-795-12 Sequence 12, Application US/107 GENERAL INFORMATION: APPLICANT: Cleveland State Unity APPLICANT: Kalafatis, Michael, APPLICANT: MAURINION: Thrombin G: TITLE OF INVENTION: Thrombin G: FILE REFERENCE: 27433/04004 CURRENT APPLICATION NUMBER: USCURRENT FILING DATE: 2004-03-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-04-03-0

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Gaps
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APPLICANT: PIZZA Mariagrazia
APPLICANT: RATTI Giulio
APPLICANT: SCARLATO Vincenzo
APPLICANT: SCARRATI Maria
ITILE OF IUNENTION: NEISSERIAL ANTIGENIC PEPTIDES
FILE REFERENCE: 2300-1654 (PP01654.003)
CURRENT APPLICATION NUMBER: US/10/111,983
CURRENT PILING DATE: 2003-06-27
PRIOR APPLICATION NUMBER: US-60/162616
PRIOR PILING DATE: 1999-10-29
NUMBER OF SEQ ID NOS: 37764
SOFTWARE: SGGWIN99, version 1.02
SEQ ID NO 28478
LENGTH: 8
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Best Local Similarity 100.0%; Pred. No. 6.4e+06;
Matches 4; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NEISERRIAL ANTIGENIC PEPTIDES FILE REFERENCE: 2300-1654 (PP01654.003)
CURRENT APPLICATION NUMBER: US/10/111,983
CURRENT FILING DATE: 2003-06-27
PRIOR PPLICATION NUMBER: US-60/162616
PRIOR FILING DATE: 1999-10-29
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GENERAL INFORMATION:
                                                                                                                                            Sequence 16504, Application US/10111983 GENERAL INFORMATION:
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SOFTWARE: SeqWin99, version 1.02
SEQ ID NO 16504
LENGTH: 8
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RATTI Giulio
SCARLATO Vincenzo
SCARSELLI Maria
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Best Local Similarity 100.0%;
Matches 4; Conservative 0
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APPLICANT: GALEOTTI Cesira
APPLICANT: GRANDI Guido
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APPLICANT: GALEOTTI Cesira
APPLICANT: GRANDI Guido
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MORA Mariarosa
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US-10-111-983-16504
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                                          100.0%; Score 26; DB 33; Length 5; 100.0%; Pred. No. 6.4e+06;
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                                                                                    0; Indels
                                                                                                                                                                                                                                                                Sequence 11, Application US/10795795

GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/10/795,795
CURRENT FILING DATE: 2004-03-08
PRIOR FILIGATION NUMBER: US/09/911,129B
PRIOR APPLICATION NUMBER: US/09/911,129B
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
SEQ ID NO III
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SCARSELLI Maria
TITLE OF INVENTION: NEISSERIAL ANTICENIC PEPTIDES
FILE REFERENCE: 2300-1654 (PP01654.003)
CURRENT APPLICATION NUMBER: U$/10/111,983
CURRENT FILING DATE: 2003-06-27
                                                                                    0; Mismatches
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PRIOR APPLICATION NUMBER: US-60/162616
PRIOR FILING DATE: 1999-10-29
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SOFTWARE: SeqWin99, version 1.02
SEQ ID NO 2406
LENGTH: 8
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APPLICANT: GALEOTTI Cesira
APPLICANT: GRANDI Guido
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: PIZZA Mariagrazia
APPLICANT: RAPPLICANT: RAPPLICANT: RAPPLICANT: RAPPLICANT: SCARLATO VINCENZO
APPLICANT: SCARLATO VINCENZO
APPLICANT: SCARSELLI Maria
                                        Query Match
Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
US-10-795-795-11
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US-10-111-983-2406
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TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                                                       TITLE OF INVENTION: VACCINE FOR THE PREVENTATIVE TREATMENT TITLE OF INVENTION: VACCINE FOR THE PREVENTATIVE TREATMENT TITLE OF INVENTION: OF INPECTION OF LIVER FLUKE IN RUMINANTS NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSE: CUSHMAN DARBY & CUSHMAN, L.L.P.
STREET: 1100 New York Avenue, N.W.
CITY: Washington '
STREET: D.C.
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 84.6%; Score 22; DB 8; Length 9; Best Local Similarity 100.0%; Pred. No. 6.4e+06; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: GOMPATIBLE CONTINGUE COMPUTER: IBM PC compatible COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/457,540A FILING DATE: 01-JUN-1995 CLASSIFICATION NUMBER: US 08/063,061 PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: US 07/730,895 FILING DATE: 31-JUL-1991 PRIOR APPLICATION DATA: APPLICATION NUMBER: PCT/AUS0/00027 FILING DATE: 31-JUL-1990 PRIOR APPLICATION NUMBER: AD PJ2481 FILING DATE: 31-JAN-1990 PRIOR APPLICATION NUMBER: AD PJ2481 FILING DATE: 31-JAN-1999 PRIOR APPLICATION NUMBER: AD PJ2481 FILING DATE: 31-JAN-1999 ATTORNEY/AGENT INFORMATION: NAME: KOKULIS, PAUL N. REGISTRATION NUMBER: 218067/1747488/JMS TELEBEHONE: (202) 861-3000
                                                                                                    US-08-457-540A-33; Sequence 33, Application US/08457540A; GENERAL INFORMATION:
                                                                                                                                                                                                                               MIJFFELS, GENE L.
SPITHILL, TERENCE W.
CAMPBELL, NOEL J.
THOMPSON, CATRIONA M.
SEXTON, JENNIFER L.
MILNER, ANDREW R.
                                                                                                                                                            CRAMERI, SONIA L.
PANACCIO, MICHAEL
WILSON, LACHLAN R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202) 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 333:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: Z0005-3918
ZIP: Z0005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Florm:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
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2 LDNF 5
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands generated from microbial genome seq
TITLE OF INVENTION: Complementary peptide ligands generated from microbial genome seq
FILE REPRENCE: Microbe patent
CURRENT APPLICATION NUMBER: US/09/573,822C
CURRENT FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 804
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 408
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Sequence located in MG189 at 100-109 and may interact with Sequen; OTHER INFORMATION: in this patent.
US-09-573-822C-408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 9
US-09-573-822D-408
US-09-573-822D-408
Sequence 408, Application US/09573822D
Sequence 408, Application US/09573822D
SEQUENCE 1NFORMATION:
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands generated from microbial genome seq
FILE REFERENCE: Microbe patent
CURRENT APPLICATION NUMBER: US/09/573,822D
CURRENT FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 892
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 408
LENGTH: 10
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US-09-519-658A-43

US-09-19-658A-43

Sequence 43, Application US/09519658A

GENERAL INFORMATION:

APPLICANT: Bochringer Ingelheim International GmbH et al.

TILLE OF INVENTION: THUOR - associated antigen

FILE REFERENCE: seqlist1202

CURRENT APPLICATION NUMBER: US/09/519,658A

CURRENT FILING DATE: 2000-03-06

NUMBER OF SEQ ID NOS: 59

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   84.6%; Score 22; DB 19; I
100.0%; Pred. No. 6.4e+06;
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100.0%; Pred. No. 7.3e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-573-822C-408
; Sequence 408, Application US/09573822C
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: mycoplasma genitalium
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 4; Conservative
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Gaps

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Sodium Channels, DNA Encoding Therefor, Crystallization, X-ray Diffraction, Computer Molecular Modeling, Rational Drug Design, Drug Screening, and Methods of Making and Using
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                                                                                                                      P.L.L.C
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EDONOS-3934

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

COMPUTER: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/09/457,571

FILING DATE: 02-M2-199

APPLICATION NUMBER: US/09/457,571

FILING DATE: 02-NOV-1995

APPLICATION NUMBER: 08/482,401

FILING DATE: 02-NOV-1995

APPLICATION NUMBER: 08/334,029

FILING DATE: 02-NOV-1995

APPLICATION NUMBER: 08/334,029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                    ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX ISTREET: 1100 New York Ave., N. W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NEISSERIAL ANTIGENIC PEPTIDES FILE REFERENCE: 2300-1654 (PP01654.003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         80.8%; Score 21; DB 33;
60.0%; Pred. No. 6.4e+06;
iive 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0917.0240003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 33494, Application US/10111983 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 202-371-2540 INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGIH: 8 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
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SCARLATO Vincenzo
SCARSELLI Maria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PIZZA Mariagrazia
                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                            CITY: Washington
STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: CHIRON SPA
APPLICANT: GALEOTTI Cesira
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MASIGNANI Vega
MORA Mariarosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RAPPUOLI Rino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GRANDI Guido
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Best Local Similarity
Matches 3; Conserv
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    ) ORGANISM: mycoplasma genitalium

; PEATURE:

; OTHER INFORMATION: Sequence located in MG189 at 100-109 and may interact with Sequen

; OTHER INFORMATION: in this patent.

US-09-573-822D-408
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mandel, Gail
APPLICANT: Halegoua, Simon
TITLE OF INVENTION: Peripheral Nervous System Specific
TITLE OF INVENTION: Sodium Channels, DNA Encoding Thereof
TITLE OF INVENTION: and Methods of Making and Using Thereof
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: Peripheral Nervous System Specific
                                                                                                                                                Length 10;
                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      80.8%; Score 21; DB 7; Length 8; 60.0%; Pred. No. 6.4e+06; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EL PR PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,029A
CLASSIFICATION: 1994
CLASSIFICATION: 214
ATTORNEY/AGRAT INFORMATION:
NAME: TOWNSEND, G. KeVIN
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: 1459.0240000
TELECCOMMUNICATION INPORMATION:
TELECCOMMUNICATION INPORMATION:
TELECCOMMUNICATION INPORMATION:
                                                                                                                                              Query Match 84.6%; Score 22; DB 19; I
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 4; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSER: STERNE, KESSLER, GOLDSTEIN & FOX STREET: 1100 New York Ave., N.W.
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/08334029A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application US/10768798
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 60.0
---- 3, Conservative
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STRANDEDNESS: single
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4 IDNFN 8
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US-10-768-798-6
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MOLECULE TYPE: protein
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Sequence 2, Application US/09403092
Sequence 2, Application Sequence 2, Application Schulu.
APPLICANT: HOFMANN, Joachim
APPLICANT: SCHULU, Annette
TITLE OF INVENTION: DICTYOCAULUS VIVIPARUS ANTIGEN FOR THE
TITLE OF INVENTION: DIAGNOSIS OF LUNGWORM INFESTATION AND FOR VACCINATION
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: 3000 K Street, N.W.
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                                                                                                                                                                                                                               76.9%; Score 20; DB 27; Length 5; 75.0%; Pred. No. 6.40+06; iive 1; Mismatches 0; Indels
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Pred. No. 6.4e+06;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: RAITI Giulio
APPLICANT: RAITI Giulio
APPLICANT: SCARLATO VINCENZO
APPLICANT: SCARLATO VINCENZO
APPLICANT: SCARELLI Maria
TITLE OF INVENTION: NEISSERIAL ANTIGENIC PEPTIDES
FILE REPERENCE: 2300-1654 (PP01654.003)
CURRENT APPLICATION NUMBER: US/10/111,983
CURRENT APPLICATION NUMBER: US-60/162616
PRIOR PILING DATE: 1999-10-29
NUMBER OF SEQ ID NOS: 37764
SOFTWARE: SeqWin99, version 1.02
SEQ ID NO 33453
CURRENT APPLICATION NUMBER: US/10/111,983
CURRENT FILING DATE: 2003-06-27
PRIOR APPLICATION NUMBER: US-60/162616
PRIOR FILING DATE: 1999-10-29
NUMBER OF SEQ ID NOS: 37764
SOFTWARE: SeqWin99, version 1.02
SEQ ID NO 33494
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 33453, Application US/10111983; GENERAL INFORMATION:
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RAPPUOLI Rino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: CHIRON SPA
APPLICANT: GALEOTTI Cesira
                                                                                                                                                                                                                   Query Match
Best Local Similarity 75.v
3; Conservative
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Best Local Similarity 80.0
Matches 4; Conservative
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MORA Mariarosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GRANDI Guido
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US-10-111-983-33453
                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Neisseria
US-10-111-983-33494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 LDNFS 5
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IDNF 4
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CITY: Wa
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US-09-403-092-2
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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COMPUTE: 10.5.A.

COMPUTE: 10.5.A.

COMPUTE: 12.0.C.A.

MEDILU TTER: 10.000 cities

COMPUTE: 12.0.C.A.

COMPUTE: 13.0.C.A.

COMPUTE: 15.0.C.A.

CO
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## ATTORNEY/AGENT INFORMATION:

| NAME: Granados, Patricia D. REGISTRATION WINDER: 33,683
| REFERENCE/DOCKET NUMBER: 038311/0103 |
| TELECOMMUNICATION INFORMATION: | TELEPHONE: (202) 672-5300 |
| TELEPHONE: (202) 672-5399 |
| TELEPHONE (202) 672-6399 |
| TOPOLOGY: linear |
| TOPOLOGY: linear |
| TOPOLOGY: linear |
| SEQUENCE DESCRIPTION: SEQ ID NO: 2: Undels O; Gaps O; Detches |
| TELEPHONE (202) 672-6399 |
| TELEPHONE (200) 672-6399 |
| TOPOLOGY: linear (202) 672-6399 |
| TELEPHONE (200) 672-6399 |
| TE
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667, Appl 117, Appl 117, Appl 66, Appl 66, Appl 67, Appl 72, Appl 111, Appl 66, Appl 111, Appl 66, Appl 111, Appl 66, Appl 112, Appl 67, Appl 66, Appl 66, Appl 67, Appl 112, Appl 66, Appl 67, Appl 66, Appl 66, Appl 66, Appl 67, Appl 66, Appl 66, Appl 66, Appl 67, Appl 66, Appl 66,

Sequence

Scoring table:

Searched:

Database

Title: Perfect score:

Sequence:

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Run on:

Sequence Sequence Sequence

Sequence Sequence Sequence Sequence Seguence Sequence

Sequence

Sequence

Sequence Sequence Sequence Sequence

Sequence ( Sequence ( Sequence (

Sequence

Sequence

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Sequence 9, Appli
Sequence 13, Appl
Sequence 13, Appl
Sequence 2261, Ap
Sequence 13, Appl
Sequence 13, Appl
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Sequence 12, Application US/09911129B

Sequence 12, Application US/09911129B

Publication No. US20030040600A1

GENERAL INFORMATION:

APPLICAMT: Claveland State University

APPLICAMT: Kalafatis, Michael

APPLICAMT: Mann, Kenneth G.

TITLE OF INVENTION: Thrombin Generation Inhibitor

FILE REFERENCE: 27433/0404

CURRENT APPLICATION NUMBER: US/09/911,129B

CURRENT PILING DATE: 2002-03-19

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 26; DB 10;
100.0%; Pred. No. 1.6e+06;
ive 0; Mismatches 0;
US-09-908-943A-67

US-10-801-497-65

US-10-801-487-66

US-10-801-487-66

US-10-801-487-67

US-10-801-487-72

US-10-801-938-65

US-10-801-938-65

US-10-801-938-65

US-10-801-938-65

US-10-801-938-65

US-10-801-509-67

US-10-801-509-67

US-10-801-509-67

US-10-801-509-67

US-10-801-509-67

US-10-801-486-65

US-10-801-486-65

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US-10-801-486-67

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US-10-801-486-67

US-10-801-486-67

US-10-801-483-66

US-10-801-483-67

US-10-801-493-67

US-10-801-493-67

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US-10-801-493-67

US-10-801-493-67

US-10-801-493-67

US-10-801-493-67

US-10-801-493-67

US-10-801-493-67

US-10-801-493-63

US-10-801-493-63
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; Sequence 12, Application US/10795795
; Publication No. US20040186271A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LDNFS 5
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       LENGTH:
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Matches
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Sequence 6, Appli
Sequence 2, Appli
Sequence 11, Appl
Sequence 61, Appl
Sequence 65, Appl
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Sequence 11, Al
Sequence 408,
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                                                                                                                             September 16, 2005, 11:57:54; Search time 76 Seconds (without alignments) 26:640 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_MEW_PUB_pep:*
3: /cgn2_6/ptodata/2/pubpaa/NEG_NEW_PUB_pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB_pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
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7/cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB_pep:*
8: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
19: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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13: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
                        GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-911-129B-11
US-09-911-129B-11
US-09-917-95-795-11
US-09-573-822C-408
US-09-573-822C-408
US-09-573-822C-408
US-09-5749-234A-2
US-09-908-943A-65
US-09-908-943A-65
US-09-908-943A-65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                 protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Match Length
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100.0
100.0
84.6
80.8
80.8
80.8
76.9
76.9
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**Gap**B

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Result

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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 26; DB 16; Length 5; 100.0%; Pred. No. 1.6e+06;
                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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| Bublication Wo. US20040186271A1
| GENERAL INFORMATION:
| APPLICANT: Cleveland State University
| APPLICANT: Kalafatis, Michael
| APPLICANT: Mann, Kenneth G.
| TITLE OF INVENTION: Thrombin Generation Inhibitor
| FILE REPERENCE: 27433/04004
| CURRENT APPLICATION NUMBER: US/10/795,795
| CURRENT FILING DATE: 2004-03-08
| PRIOR APPLICATION NUMBER: US/09/911,129B
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: PatentIn version 3:1
| SEQ ID NO II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11, Application US/09911129B
Sublication No. US20030040600A1
GENERAL INPORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT PILLING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOUTHARE: Patentin version 3.1
SEQ ID NO 11
        APPLICANT: Kaldafatis, Michael APPLICANT: Kaldafatis, Michael APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor: FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/10/795,795
CURRENT FILING DATE: 2004-03-08
PRIOR APPLICATION NUMBER: US/09/911,129B
PRIOR FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
  APPLICANT: Cleveland State University
                                                                                                                                                                                                                                                                                                                                                           Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                            type: pRT CAGANISM: Homo sapiens US-10-795-795-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
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Matches 5; Conserv
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US-10-795-795-11
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Sequence 408, Application US/09573822C
Sequence 408, Application US/09573822C
Publication No. US20030199011A1
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
APPLICANT: Proteom Ltd
APPLICANT: Proteom Ltd
APPLICANT: Proteom Ltd
FILER REFERENCE: Microbe patent
CURRENT APPLICATION NUMBER: US/09/573,822C
CURRENT APPLICATION NUMBER: US/09/573,822C
NUMBER OF SEQ ID NOS: 804
SOFTWARE: Protepatent version 1.0
SEQ ID NO 408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Sequence located in MG189 at 100-109 and may interact with Sequenc j OTHER INFORMATION: in this patent. US-09-573-822C-408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09457571
Sequence 6, Application US/09457571
Publication No. US20030092645A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Mandel, Gail
APPLICANT: Halegoua, Simon
TITLE OF INVENTION: Peripheral Nervous System Specific
TITLE OF INVENTION: Sodium Channels, DNA Encoding Therefor, Crystallization,
TITLE OF INVENTION: X-ray Diffraction, Computer Molecular Modeling, Rational
TITLE OF INVENTION: Drug Design, Drug Screening, and Methods of Making and Using
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSE: STERNE, KESSIER, GOLDSTEIN & FOX P.L.L.C
STREET: 1100 New York Ave., N. W., Suite 600
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                                                                                                                                   Gaps
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0
                                                                               Length 10;
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ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENTIN RELEASE #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/457,571
FILING DATE: 09-DEC-1999
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                            DB 16;
41;
                                                                                                                                   Mismatches
                                                                               Score 26;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: mycoplasma genitalium FEATURE:
                                                                            Query Match
Best Local Similarity 100.0%;
Matches 5; Conservative 0;
; ORGANISM: Homo sapiens
US-10-795-795-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 4; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington
                                                                                                                                                                                                                                         6 LDNFS 10
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APPLICANT: HOFMANN, Joachim
SCHMID, Karlheinrich
PAULI, Annette
TITLE OF INVENTION: DICTYOCAULUS VIVIPARUS ANTIGEN FOR THE
DIAGNOSIS OF LUNGWORM INFESTATION AND FOR VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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COUNTRY: U.S.A.

ZIP: 2000-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/749,234A
FILING DATE: 27-Dec-2000

CIASSIFICATION **CURROWN>
PROFICATION NUMBER: 09/403,092
FILING DATE: 199-10-15
APPLICATION NUMBER: DS 10-15
ATTORNAY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 21; DB 16;
Pred. No. 1.6e+06;
2; Mismatches 0
                              FILING DATE: 02-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, Steven R.
REGISTATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0917.0240003
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Granados, Patrícia D.
REGISTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 038311/0103
                                                                                                                                                                                                                                                                                                                                                                    TYPE: animo acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-10-768-798-6
      APPLICATION NUMBER: 08/334,029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: FOLEY & LARDNER STREET: 3000 K Street, N.W CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09749234A Patent No. US20020068817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                           TELEPHONE: 202-371-2600
TELEPAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
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STRANDEDNESS: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 7 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     80.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 80.8
Best Local Similarity 60.0
Matches 3; Conservative
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US-09-749-234A-2
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Halegoua, Simon
TITLE OF INVENTION: Peripheral Nervous System Specific
Sodium Channels, DNA Encoding Therefor, Crystallization,
Sodium Channels, Computer Molecular Modeling, Rational
X-ray Diffraction, Computer Molecular Modeling, Rational
Drug Design, Drug Screening, and Methods of Making and Usin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 20005-3934
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NAMBER: US/10/768,798
FILING DATE: 29-Jan-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              80.8%; Score 21; DB 10; Length 8; 60.0%; Pred. No. 1.6e+06;
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2; Mismatches 0; Indels
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APPLICATION NUMBER: US/09/457,571
FILING DATE: 09-DEC-1959
APPLICATION NUMBER: 08/836,325
FILING DATE: 02-MAY-1997
APPLICATION NUMBER: PCT/US95/14251
FILING DATE: 02-NOV-1995
APPLICATION NUMBER: 08/482,401
APPLICATION NUMBER: 08/836,325
PRIONG APPLICATION DATA:
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PRIONG APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/42,401
FILING DATE: 07-JUN-1995
PRION APPLICATION DATA:
APPLICATION NUMBER: 08/334,029
FILING DATE: 02-NOV-1994
ATTORNEY/ABENT INFORMATION:
REGISTRATION NUMBER: 36,203
REGISTRATION NUMBER: 36,203
REGISTRATION NUMBER: 36,203
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 7
US-10-768-798-6
; Sequence 6, Application US/10768798
; Publication No. US20040229792A1
; GENERAL INFORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 80.8
Best Local Similarity 60.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , MOLECULE TYPE: peptide US-09-457-571-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
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IDNFN 8
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; Sequence 66, Application US/09908943A; Publication No. US20030017991A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                     Query Match 76.9
Best Local Similarity 75.0
Matches 3; Conservative
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Best Local Similarity
Matches 3; Conserva
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FEATURE:
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US-09-908-943A-11

Sequence 11, Application US/09908943A

PUblication No. US20030017991A1

GENERAL INFORMATION:

APPLICANT: Yan, Rigiang

APPLICANT: Tomasselli, Alfredo G.

APPLICANT: Emmons, Thomas L.

APPLICANT: Emmons, Thomas L.

APPLICANT: Bienkowski, Mike J.

APPLICANT: 
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US-09-908-943A-65
i Sequence 65, Application US/09908943A
j Publication No. US20030017991A1
j GENERAL INFORMATION:
j APPLICANT: Yan, Ridinang
j APPLICANT: Gurney, Mark E.
j APPLICANT: Emmons, Thomas L.
j APPLICANT: Heinrikeon, Robert L.
j TITLE OF INVENTION: SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY
FILE REPRENCE: 29915/00221A.UG31
CURRENT APPLICATION NUMBER: US/09/908,943A
CURRENT FILING DATE: 2000-07-19
j PRIOR FILING DATE: 2000-07-19
                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-908-943A-11
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                                                                                                                                                                                                                   0; Indels
                                                                                                                                     Query Match 76.9%; Score 20; DB 9; Length 7; Best Local Similarity 75.0%; Pred. No. 1.6e+06; Matches 3; Conservative 1; Mismatches 0; Indels
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-749-234A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 65
LENGTH: 8
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MDNF 5
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4 MDNF 7
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APPLICANT: Yan, Rigiang
APPLICANT: Yan, Rigiang
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Gurner, Mark E.
APPLICANT: Gurner, Mark E.
APPLICANT: Bienkowski, Mike J.
APPLICANT: Bienkowski, Mike J.
APPLICANT: Heinrikson, Robert L.
TITLE OF INVENTYON: SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY
FILE REFERENCE: 29915/00281A.US1
CURRENT FILING DATE: 2001-07-19
PRIOR PPLICATION NUMBER: 60/219,795
PRIOR PLILING DATE: 2000-07-19
PRIOR PLILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 197
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 66
LENGTH: 8
TYPE: PRT
CREATH: 8
TYPE: PRT
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APPLICANT: Yan, Rigiang
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Gurney, Mark E.
APPLICANT: Gurney, Mark E.
APPLICANT: Emmons, Thomas L.
APPLICANT: Emmons, Thomas L.
APPLICANT: Heinrikson, Robert L.
TITLE OF INVENTION: SUBSTATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY FILE REFERENCE: 29915/00281A.US1
CURRENT APPLICATION NUMBER: US/09/908,943A
CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/219,795
OTHER INFORMATION: Description of Artificial Sequence: synthetic CTHER INFORMATION: peptide sequence
| NAME/KEY: SITE | LOCATION: (1) | OTHER INFORMATION: Xaa= E, G, I, D, T, cysteic acid or S | US-09-908-943A-65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
JOTHER INFORMATION: Description of Artificial Sequence: synthetic
JOTHER INFORMATION: peptide sequence
NAME/KEY: SITE
J. LOCATION: (2)
J. OCHER INFORMATION: Xaa= A, V, I, S, H, Y, T or F
US-09-908-943A-66
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                                                                                                                                                                                                            76.9%; Score 20; DB 10; Length 8; 75.0%; Pred. No. 1.6e+06; ive 1; Mismatches 0; Indels
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2004-03-16

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US-10-801-487-11
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APPLICANT: Yan, Rigiang
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Tomasselli, Alfredo G.
APPLICANT: Gurnery, Mark E.
APPLICANT: Gurnery, Mark E.
APPLICANT: Bienkowski, Mike J.
APPLICANT: Bie
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US-10-801-487-11

Sequence 11, Application US/10801487

Publication No. US20040241792A1

GENERAL INFORMATION:

APPLICANT: Yan et al.

TITLE OF INVENTION:

FILE REFERENCE: 29915/00281F

CURRENT APPLICATION NUMBER: US/10/801,487
                                                                                                                                                                                                                                                             PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: peptide sequence
NAME/KEY: SITE
LOCATION: (3)
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Pred. No. 1.6e+06;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                     ; LOCATION: (3)
; OTHER INFORMATION: Xaa= N, L, K, S, G, T, D, A, Q or E
US-09-908-943A-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: SITE

LOCATION: (8)

COTHER INFORMATION: Xaa= F, W, G, A, H, P, G, N or S
US-09-908-943A-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 72, Application US/09908943A Publication No. US20030017991A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     76.9%;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 197
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 76.9
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : | | | | 4
4 MDNF 7
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US-09-908-943A-72
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TITLE OF INVENTION: SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY
FILE REPRENCE: 29915/00281F
CURRENT APPLICATION NUMBER: US/10/801,487
CURRENT PILING DATE: 2004-03-16
PRIOR APPLICATION NUMBER: 09/908,943
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
RIOR FILING DATE: 2000-07-19
ROWER OF SEQ ID NOS: 197
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: peptide sequence
                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: peptide sequence
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Pred. No. 1.6e+06;
                                                                                                                                                                                                                                                                                                                                              Length 8;
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LOCATION: (1)

1 CHER INFORMATION: Xaa= E, G, I, D, T, cysteic acid or US-10-801-487-65
                                                                                                                                                                                                                                                                                                                                           Query Match
76.9%; Score 20; DB 16;
Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 3; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
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PRIOR APPLICATION NUMBER: 09/908,943
PRIOR FILING DATE: 2001-07-19
PRIOR PILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 197
SOGTWARE: PATCHIN Ver. 2.0
SEQ ID NO 11
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-801-487-65
. Sequence 65, Application US/10801487
. Publication No. US20040241792A1
. GENERAL INFORMATION:
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                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 75.v.
3, Conservative
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128, App 26, Appl 36, Appl 21, Appl 6, Appl 6, Appli 32, Appli 32, Appli 32, Appli 32, Appli

Sequence Sequence Sequence Sequence Sequence Sequence Sequence

Sequence Sequence Sequence Sequence

Sequence Sequence Sequence

Sequence 4, Appli Sequence 163, App Sequence 62, Appl

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US-08-942-562-36
US-08-159-339A-128
US-08-165-359-26
US-09-156-923-36
US-09-543-608A-48
US-09-543-608A-6
US-09-454-204A-6
US-09-763-397A-9
US-09-763-397A-9
US-09-693-746-32
PCT-US95-0212-21
US-08-645-865-1
US-08-645-865-1
        -08-444-622A-36
-08-942-562-36
                                                                                                                                                                                          US-09-788-006-163
US-08-136-743B-62
                                                                                                                                                                                                                                            ALIGNMENTS
                                                                                                                                                                                                                                                                                                      Sequence 12, Application US/09911129B
Patent No. 6703364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , ORGANISM: Homo sapiens
US-09-911-129B-12
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TYPE: PRT
ORGANISM: Homo sapiens
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Matches 5; Conserv
1 LDNFS 5
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US-09-911-129B-12
 TYPE: PRT
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                                                                                  September 16, 2005, 11:46:58; Search time 19.333 Seconds (without alignments)
19.306 Million cell updates/sec
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep:*
             GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-822-270-5

US-09-822-270-3

US-08-845-742-4

PCT-US93-08231-3

US-08-687-702-3

US-09-721-870-122

US-09-721-870-122

US-09-693-746-143

US-09-693-746-143

US-09-693-746-143

US-09-693-746-143

US-09-693-746-144

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US-08-462-894-23

US-09-88-4138-3
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S-08-447-500-26
S-08-454-097-26
S-08-453-866-26
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-08-340-283-203
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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26
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Match Length
                                                             protein search,
                                                                                                                                                                                                                                                                       Minimum DB seq length: 3 Maximum DB seq length: 10
                                                                                                                                                             1 LDNFS 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score
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Perfect score:
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; Sequence 11, Application US/09911129B
; Patent No. 6703364
; GENERAL INFORMATION:
    APPLICANT: Cleveland State University
; APPLICANT: Kalafatis, Michael
    APPLICANT: Mann, Kenneth G
; TITLE OF INVENTION: Thrombin Generation Inhibitor
; FILE REFERENCE: 27433/04004
; CURRENT FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 11
; SEQ ID NO 11
GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 2743/04004
CURRENT APPLICATION NUMBER: US/09/911,129B
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE PATENTIN version 3.1
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                  h Similarity 100.0%; Score 26; DB 4; L Similarity 100.0%; Pred. No. 4.1e+05; 5; Conservative 0; Mismatches 0;
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22232109877 22232109877 2223377

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APPLICATION NUMBER: 08/334,029
APPLICATION NUMBER: 08/334,029
FILING DATE: 02-NOV-1994
FILING AGENT INFORMATION:
NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
                       Sequence 6, Application US/09457571 Patent No. 6703486 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  80.8%;
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SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
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Best Local Similarity
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   US-09-457-571-6
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Patent No. 6110672
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Halegoua, Simon
APPLICANT: Borden, Laurence A.
TITLE OF INVENTION: Sodium Channels, DNA Encoding Therefor, Crystallization,
TITLE OF INVENTION: X-ray Diffraction, Computer Molecular Modeling, Rational
TITLE OF INVENTION: Thereof
NUMBER OF SECUENCES: 19
CORRESPONDENCES: 19
CORRESPONDENCE ADDRESS:
STERET: 1100 New York Ave., N. W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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COUNTRY: USA

ZIF: 2006-3934

ZIF: 2006-3934

COMPUTER RADABLE FORM:
MEDIUM TYPE: Florpy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DGS/MS-DGS
SOFTWARE: PATENT P. PC-DGS/MS-DGS
GOFTWARE: PATENT PAPILCATION DATA:
APPLICATION TOWNER: US/08/836,325
FILING DATE: 2-MAY-1997
FILING DATE: 02-NOV-1995
FILING DATE: 02-NOV-1995
FILING DATE: 07-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 02-NOV-1994
ATPORTATION NUMBER: 08/334,029
FILING DATE: 02-NOV-1994
ATPORTATION NUMBER: 36,203
FILING DATE: 02-NOV-1994
ATPORTATION NUMBER: 36,203
FILING DATE: 02-371-2600
TELECOMMUNICATION INFORMATION:
NAME: LAddwig, Steven R.
REGISTRATION NUMBER: 36,203
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TOWNEY AND THE TELETOM INFORMATION:
TOWNEY AND TO
   100.0%; Pred. No. 6.2;
                                0; Mismatches
                                       5; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 3; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Washington
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Best Local Similarity
Matches 5; Conserv
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IDNFN 8
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US-08-836-325-6
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RESULT

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PRESENTATION OF APPLICATION NAME: Designation and the control of t
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Gaps

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Length 6;

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GENERAL INFORMATION:
APPLICANT: VENTON, DUANE L.
APPLICANT: VENTON, DUANE L.
APPLICANT: HOFFINGER, ANTON J.
APPLICANT: LE BRETON, GUY
ITILE OF INVENTION: USFFUL PEPTIDES
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 SEVENTH STREET, N.W.
CITY: WASHINGTON
CITY: WASHINGTON
CITY: DO CONTRACT OF THE CONTRACT O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: Elem PC compatible
COMPUTER: The PC compatible
COMPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURSETION NUMBER: DATA:
APPLICATION NUMBER: DC-1995
CLASSIFICATION NUMBER: PCT/US93/08231
PRICH DATE: 21-Feb-1995
PRICH DATE: 21-Feb-1995
PRICH DATE: 21-AGG-1993
PRICH DATE: 21-AGG-1991
PRICH DATE: 21-AGG-1991
PRICH APPLICATION NUMBER: US 07/932,200
PRICH DATA: APPLICATION DATA:
APPLICATION NUMBER: US 07/932,200
PRICH APPLICATION DATA:
APPLICATION NUMBER: US 07/932,200
PRICH APPLICATION NUMBER: US 07/480,865
PRICH APPLICATION NUMBER: US 0005
PRICH APPLICATION NUMBER: US 07/480,865
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Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 0; Mismatches 0;
                     Score 18; DB 1; L
Pred. No. 4.1e+05;
                                                                                                 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/08387749 Patent No. 5814460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: VE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-62-5197
TELEFAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 248633
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                             Query Match
Best Local Similarity 100.
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
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STRANDEDNESS: si
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COUNTRY: U.S.A.
ZIP: 20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                            JS-08-387-749-3
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                                                                                                     APPLICANT: VASSAY, ROGER
TITLE OF INVENTION: PEPTIDES BLOCKING VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) -MEDIA
TITLE OF INVENTION: ANGIGENESIS, POLYNUCLEOTIDES ENCODING SAID PEPTIDES AND METHODE
FILE REPERENCE: 205060020
CURRENT APPLICATION NUMBER: US/09/822,270
CURRENT PILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 60/193,396
PRIOR APPLICATION NUMBER: US 60/193,396
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN VERSION 3.1
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| Patent No. 5366862
| GENERAL INFORMATION:
| APPLICANT: VENTON, DUANE L.
| APPLICANT: HOPFINGER, ANTON J.
| APPLICANT: LE BRETON, GUY
| TITLE OF INVENTION: WETHOD FOR GENERATING AND SCREENING
| TITLE OF INVENTION: USEFUL PEPTIDES
| NUMBER OF SEQUENCES: 20
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: BROWDY AND NEIMARK
| STREET: 419 SEVENTH STREET, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 19; DB 4; Length 7; Pred. No. 4.1e+05; 1; Mismatches 0; Indels
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ZIP: 20004
ZIP: 20004
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC Compatible
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/O7/932,200
FILING DATE: 21-AUG-1992
CLASSIFICATION: 435
ATTOMORY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: SYNTHETIC PEPTIDE US-09-822-270-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: COOPER, IVER P.
REGISTRATION NUMBER: 28,005
REPERENCE/DOCKET NUMBER: VENY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: ARTIFICIAL SEQUENCE
, GERARD
JEAN-CLAUDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 73.1%;
Best Local Similarity 75.0%;
Matches 3; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , MOLECULE TYPE: peptide US-07-932-200-3
                                                                                PLOUET, JEAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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US-07-932-200-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 5
LENGTH: 7
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Length 6;

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Query Match
Best Local Similarity 100.(
Matches 3; Conservative
                                                                                              3; Conservative
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ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-687-702-32
MOLECULE TYPE: peptide
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GY: linear
                                                     Query Match
Best Local Similarity
Matches 3; Conserv
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PCT-US93-08231-3
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US-08-687-702-32
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                                                                                                                           Sequence 4, Application US/08845742C
Patent No. 5973229
GENERAL INFORMATION:
APPLICANT: Walton, Jonathan D
APPLICANT: Scott-Craig, John S
TITLE OF INVENTION: Gene Encoding Herbicide Safener Binding Protein
FILE REFREENCE: 6550-00007
CURRENT APPLICATION NUMBER: US/08/845,742C
CURRENT PILING DATE: 1997-04-25
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 6
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Sequence 3, Application PC/TUS9308231

APPLICANT: VENTON, DUANE L.
APPLICANT: HOPFINGER, ANTON J.
APPLICANT: LE BRETON, GUY
TITLE OF INVENTION: WETHOD FOR GENERATING AND SCREENING
TITLE OF INVENTION: USEFUL PEPTIDES
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSER: REMOMY AND NEIMARK
STREET: 419 SEVENTH STREET, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       69.2%; Score 18; DB 2; Length 6; 100.0%; Pred. No. 4.1e+05; ive 0; Mismatches 0; Indels
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ZIP: 20004
ZIP: 20004
ZIP: 20004
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08231
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CCOPER, IVER P.
REGISTRATION NUMBER: 28,005
REFRENCE/DOCKET NUMBER: VENT
ŢELECOMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAK: 202-737-3528
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TELEX: 248633
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
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Best Local Similarity 100.
Matches 3; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Zea mays
US-08-845-742-4
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PCT-US93-08231-3
                                                                                                RESULT 8
US-08-845-742-4
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| Our_1053-08231-3 | Our_1053-0831-3 |
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Sequence 143, Application US/09693746

Sequence 143, Application US/09693746

Sequence 143, Application US/09693746

GENERAL INFORMATION:
APPLICANT: Lowery, David E.
APPLICANT: Larsen, Martha J.
TILLE OF INVENTION: Drosophila G Protein Coupled Receptors, Nucleic Acids, And Method
TITLE OF INVENTION: Related To The Same
TITLE OF INVENTION: Related To The Same
FILE REFERENCE: 6297.1cp
CURRENT APPLICATION NUMBER: US/09/693,746

CURRENT FILING DATE: 1999-10-22

KIOR RELING DATE: 1999-10-22

NUMBER OF SEQ ID NOS: 168

SOFTWARE: PatentIn version 3.1

LENGTH: 7

LENGTH: 7
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APPLICANT: Smith, Valdin G.
APPLICANT: Smith, Valdin G.
APPLICANT: Swith, Valdin G.
APPLICANT: Swith, Valdin G.
APPLICANT: Largen Martha J.
TITLE OF INVENTION: DESCRIPTION: Related To The Same
FILE REPERENCE: 6297.1cp
CURRENT APPLICATION NUMBER: US/09/693,746
FRICK RAPPLICATION NUMBER: 09/425,676
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US-09-693-746-143
                                                                                                                                                                                                                                     ; OTHER INFORMATION: No. 6835546el Sequence
US-09-693-746-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  n 69.2%; Score 18;
Similarity 100.0%; Pred. No.
3; Conservative 0; Mismatci
    CURRENT APPLICATION NUMBER: US/09/693,746
                      CURRENT FILING DATE: 2000-10-20
RIOR APPLICATION NUMBER: 09/425,676
PRIOR PLING DATE: 1999-10-22
NUMBER OF SEQ ID NOS: 168
SOFTWARE: PatentIn version 3.1
SEQ ID NO 27
LENGTH: 7
TYPE: PRT
ORGANTSM: Artificial Sequence
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Patent No. 6835546
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence PEATURE:
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Best Local Similarity
Matches 3; Conserv
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Best Local Similarity
Matches 3; Conserv
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Patent No. 683546
GENERAL INFORMATION:
APPLICANT: Lowery, David E.
APPLICANT: Smith, Valdin G.
APPLICANT: Larsen, Martha J.
TITLE OF INVENTION: Drosophila G Protein Coupled Receptors, Nucleic Acids, And Method TITLE OF INVENTION: Drosophila G Protein Coupled Receptors, Nucleic Acids, And Method TITLE OF INVENTION: Related To The Same
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i Sequence 123, Application US/09721870

j Sequence 123, Application US/09721870

j Retent No. 6652621

j GENERAL INFORMATION:

APPLICANT: Geary, Timothy G.

APPLICANT: Rubiak, Teresa M.

APPLICANT: Larese, Martha J.

ITLLE OF INVENTION: MODULATORS OF G PROTEIN-COUPLED RECEPTORS

FILLS REFERENCE: 28344/6223

CURRENT APPLICANT: 2000-11-24

NUMBER OF SEQ ID NOS: 180

SOUTHARE PATENTIN Ver. 2.0

SEQ ID NO 123

LENGTH: 7

LENGTH: 7
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APPLICANT: Kubiak, Teresa M.
APPLICANT: Larsen, Martha J.
TITLE OF INVENTION: MODULATORS OF G PROTEIN-COUPLED RECEPTORS
FILE REPERENT S1841/6223
CURRENT APPLICATION NUMBER: US/09/721,870
CURRENT FILING DATE: 2000-11-24
NUMBER OF SEQ ID NOS: 180
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 122
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69.2%; Score 18; DB 4; Length 7; 100.0%; Pred. No. 4.18+05; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                            DB 4; Length 7;
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                                                                                                                                                                                                                                                                                                                                                                            69.2%; Scor.
100.0%; Pred. No. ...
0; Mismatches
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LOCATION: (7)
COTHER INFORMATION: AMIDATION
US-09-721-870-123
                                                                                                                                                                                                                                                                                                        LOCATION: (7)
CTHER INFORMATION: AMIDATION
US-09-721-870-122
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Best Local Similarity 100.
Matches 3; Conservative
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Best Local Similarity 100.
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Drosophila
                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Drosophila
                                                                                                                                                                                                                                                                                    NAME/KEY: MOD_RES
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US-09-693-746-27
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; PRIOR FILING DATE: 1999-10-22; NUMBER OF SEQ ID NOS: 168; SOFTWARE: PatentIn version 3.1; SEQ ID NO 146; ILENGTH: 7; TYPE: PRT ORGANISM: Artificial Sequence; FRATURE: FRATURE: FRATURE: FRATURE: GRANISM: NO. 6835546el Sequence US-09-693-746-146
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